

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-0144869	
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name UTE TRIBE	
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.			7. If Unit or CA Agreement, Name and No. NATURAL BUTTES	
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		3b. Phone No. (include area code) 435-781-7060		8. Lease Name and Well No. NBU 920-201
4. Location of Well (Report location clearly and in accordance with any State requirements*) At surface NESE 1955' FSL 717' FEL 612401X 40.018970 At proposed prod. Zone 4430483Y 109.682895			9. API Well No. 43-047-37755	
14. Distance in miles and direction from nearest town or post office* 5.1 MILES SOUTH OF OURAY, UTAH			10. Field and Pool, or Exploratory NATURAL BUTTES	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 717'		16. No. of Acres in lease 720		11. Sec., T., R., M., or Blk. and Survey or Area SEC 20-T9S-R20E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C		17. Spacing Unit dedicated to this well 40		12. County or Parish UINTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4768.8' GL		20. BLM/BIA Bond No. on file BIA #RLB0005239		13. State UTAH
22. Approximate date work will start* UPON APPROVAL		23. Estimated duration TO BE DETERMINED		
24. Attachments				

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |   |
|---|---|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.   | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature <i>Debra Domenici</i>	Name (Printed/Typed) DEBRA DOMENICI	Date 2/8/2006
Title ASSOCIATE ENVIRONMENTAL ANALYST		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 03-06-06
Title ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

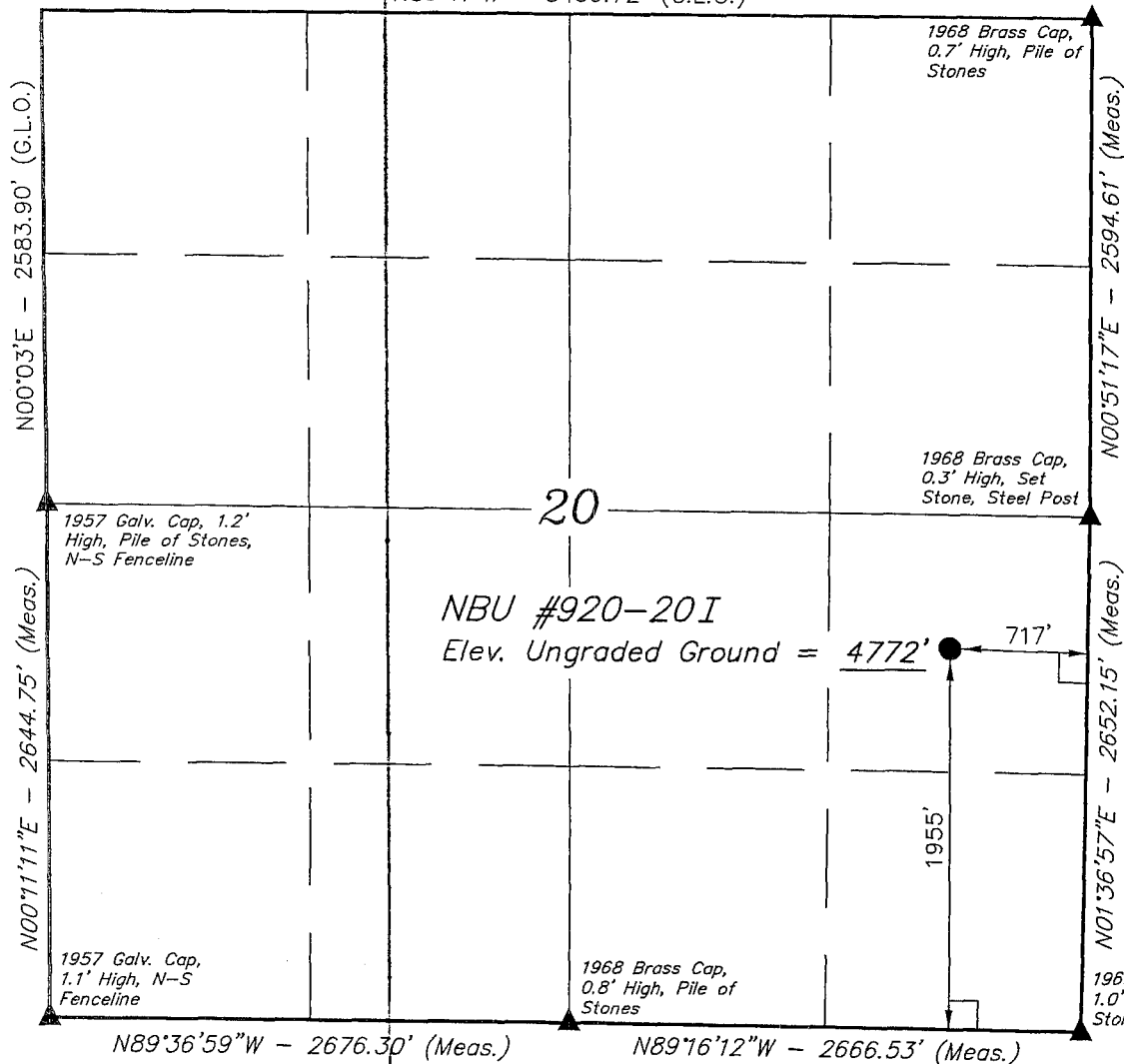
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FEB 13 2006

DIV. OF OIL, GAS & MINING

T9S, R20E, S.L.B.&M.

N89°47'W - 5439.72' (G.L.O.)



### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)  
LATITUDE = 40°01'08.51" (40.019031)  
LONGITUDE = 109°41'01.02" (109.683617)  
(NAD 27)  
LATITUDE = 40°01'08.64" (40.019067)  
LONGITUDE = 109°40'58.52" (109.682922)

### LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

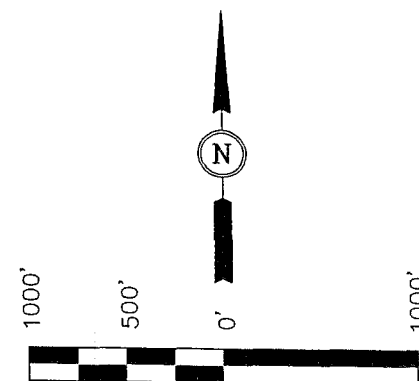
▲ = SECTION CORNERS LOCATED.

## Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #920-20I, located as shown in the NE 1/4 SE 1/4 of Section 20, T9S, R20E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



### SCALE CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*John H. Hays*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

Revised: 1-15-06

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-20-05	DATE DRAWN: 12-8-05
PARTY D.K. L.K. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

NBU 920-20I  
NESE SEC 20-T9S-R20E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: UTU-0144869

ONSHORE ORDER NO. 1  
WESTPORT OIL & GAS COMPANY

***DRILLING PROGRAM***

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Green River	2000'
Wasatch	5500'
Mesaverde	8600'
Total Depth	10600'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	2000'
Gas	Wasatch	5500'
Gas	Mesaverde	8600'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment:**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

4. **Proposed Casing & Cementing Program:**

*Please see the Natural Buttes Unit SOP.*

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Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

*Please see the Natural Buttes Unit SOP.*

6. **Evaluation Program:**

*Please see the Natural Buttes Unit SOP.*

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure at 10600' TD approximately equals 6572 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4240 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates & Notification of Operations:**

*Please see the Natural Buttes Unit SOP.*

9. **Variances:**

*Please see the Natural Buttes Unit SOP.*

10. **Other Information:**

*Please see the Natural Buttes Unit SOP.*





**Kerr-McGee Oil & Gas Onshore LP**  
**DRILLING PROGRAM**

**CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 2400	32.30	H-40	STC	0.49*****	1.22	3.21
						3520	2020	564000
PRODUCTION	4-1/2"	2400 to 2800	36.00	J-55	STC	0.97*****	1.54	7.12
						10690	7560	279000
						2.29	1.08	2.60

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)  
2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)  
(Burst Assumptions: TD = 12.7 ppg) .22 psi/ft = gradient for partially evac wellbore  
(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)  
MASP 4668 psi

\*\*\*\*\* Burst SF is low but csg is stronger than formation at 2800 feet

\*\*\*\*\* EMW @ 2800 for 2270# is 15.6 ppg or 0.8 psi/ft

**CEMENT PROGRAM**

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	LEAD	2000	NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	230	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	5,000'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	550	60%	11.00	3.38
	TAIL	5,600'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1570	60%	14.30	1.31

\*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

\*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

**FLOAT EQUIPMENT & CENTRALIZERS**

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

**ADDITIONAL INFORMATION**

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

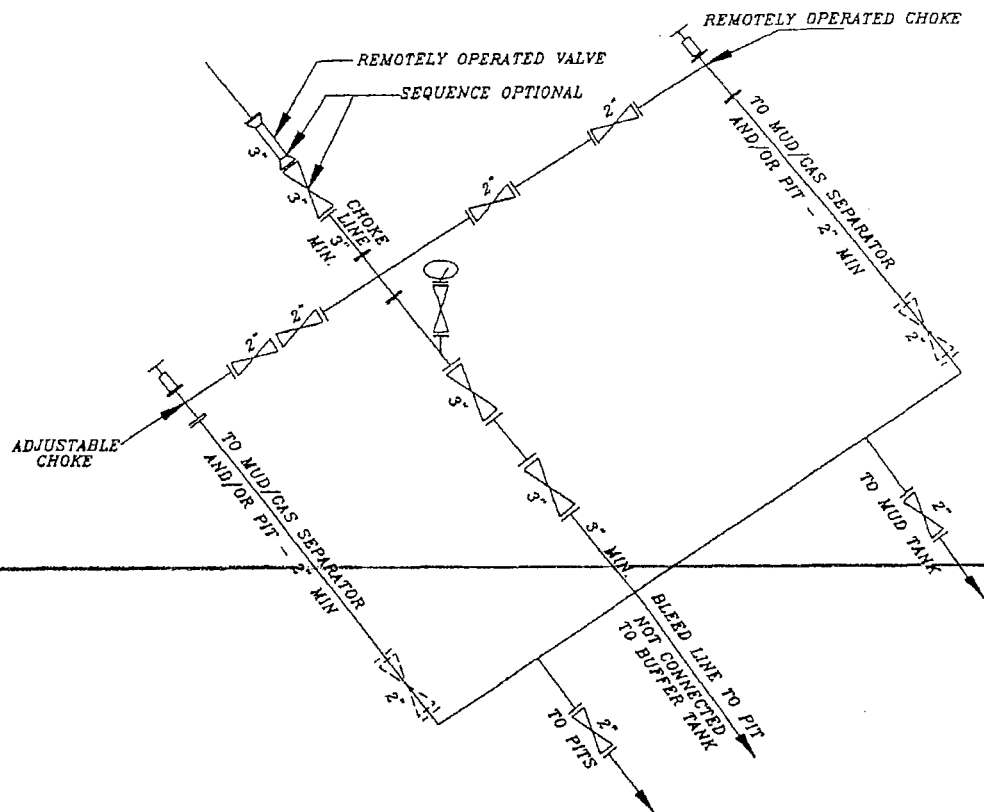
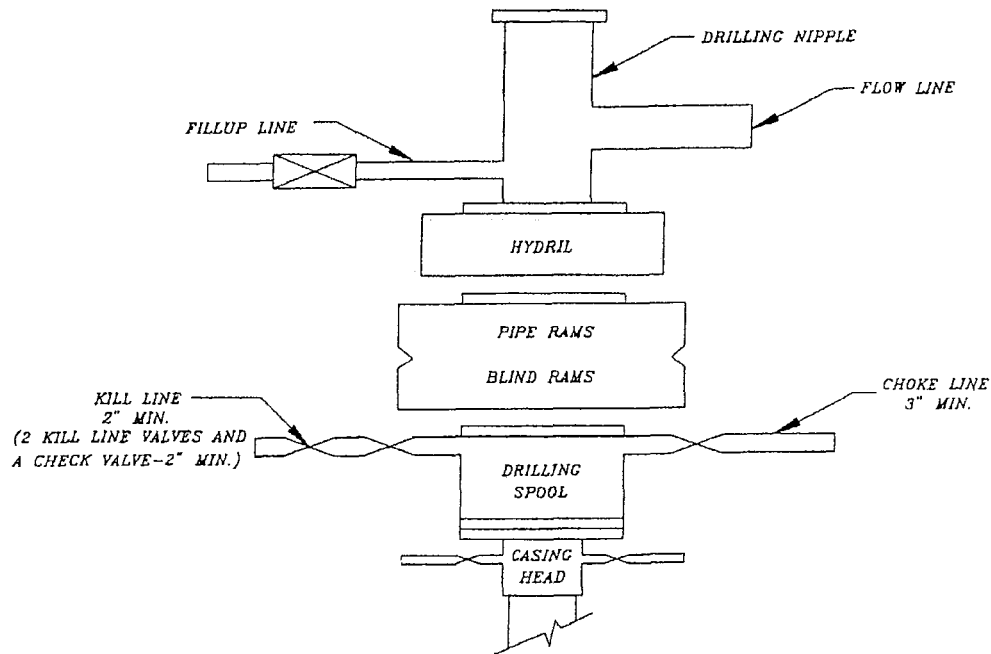
DATE: \_\_\_\_\_

DRILLING SUPERINTENDENT:

Randy Bayne

DATE: \_\_\_\_\_

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 920-20I  
NESE SEC 20-T9S-R20E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: UTU-0144869

ONSHORE ORDER NO. 1

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. **Planned Access Roads:**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1-Mile Radius**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities**

*Please see the Natural Buttes Unit SOP.*

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

*Please see the Natural Buttes Unit SOP.*

6. **Source of Construction Materials**

*Please see the Natural Buttes Unit SOP.*

7. **Methods of Handling Waste Materials**

*Please see the Natural Buttes Unit SOP.*

*Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec 5-T9S-R22E, NBU #159, Sec 35-T9S-R21E, Ace Oilfield Sec 2-T6S-R20E, MC & MC Sec 12-T6S-R19E,. (Requests in lieu of filing Form 3160-5 after initial production).*

8. **Ancillary Facilities**

*Please see the Natural Buttes Unit SOP.*



9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Culvert(s) are to be installed as needed.

A run off diversion for drainage will be constructed as needed.

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined. When the reserve pit is closed, the pit liner will be buried below plow depth.

10. **Plans for Reclamation of the Surface:**

*Please see the Natural Buttes Unit SOP.*

11. **Surface Ownership:**

Ute Indian Tribe  
P.O. Box 70  
Fort Duchesne, Utah 84026  
(435)-722-5141

12. **Other Information:**

A Class III archaeological survey has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site.

13. **Lessee's or Operators's Representative & Certification:**

Debra Domenici  
Associate Environmental Analyst  
Kerr-McGee Oil & Gas Onshore LP  
1368 South 1200 East  
Vernal, UT 84078  
(435) 781-7060

Randy Bayne  
Drilling Manager  
Kerr-McGee Oil & Gas Onshore LP  
1368 South 1200 East  
Vernal, UT 84078  
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted Upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Kerr-McGee Oil & Gas Onshore LP Bond #N-2115, BLM Nationwide Bond # CO-1203, and BIA Nationwide Bond # RLB0005239.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Debra Domenezi  
Debra Domenezi

2/8/06  
Date

Kerr-McGee Oil & Gas Onshore LP  
NBU #920-20I  
SECTION 20, T9S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 4.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 290' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 36.1 MILES.

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# Kerr-McGee Oil & Gas Onshore LP

NBU #920-201

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 20, T9S, R20E, S.L.B.&M.

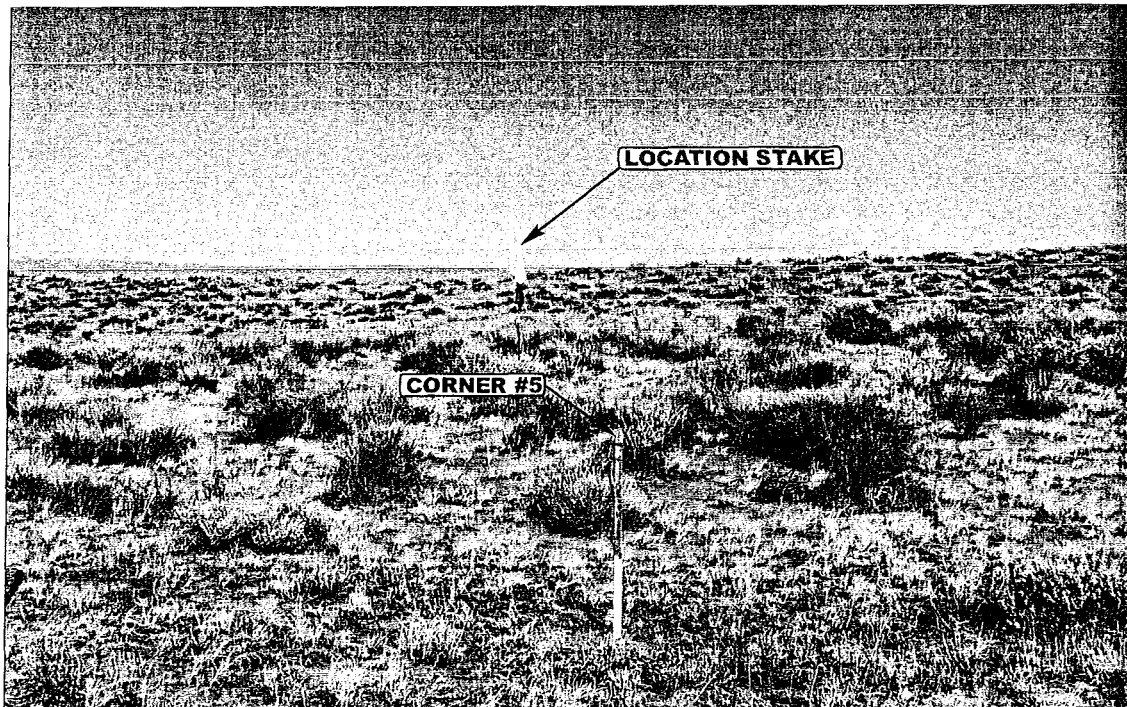


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

12 | 01 | 05  
MONTH | DAY | YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: L.K.

REVISED: 01-16-06

# Kerr-McGee Oil & Gas Onshore LP

NBU #920-20I

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH

SECTION 20, T9S, R20E, S.L.B.&M.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: EASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS

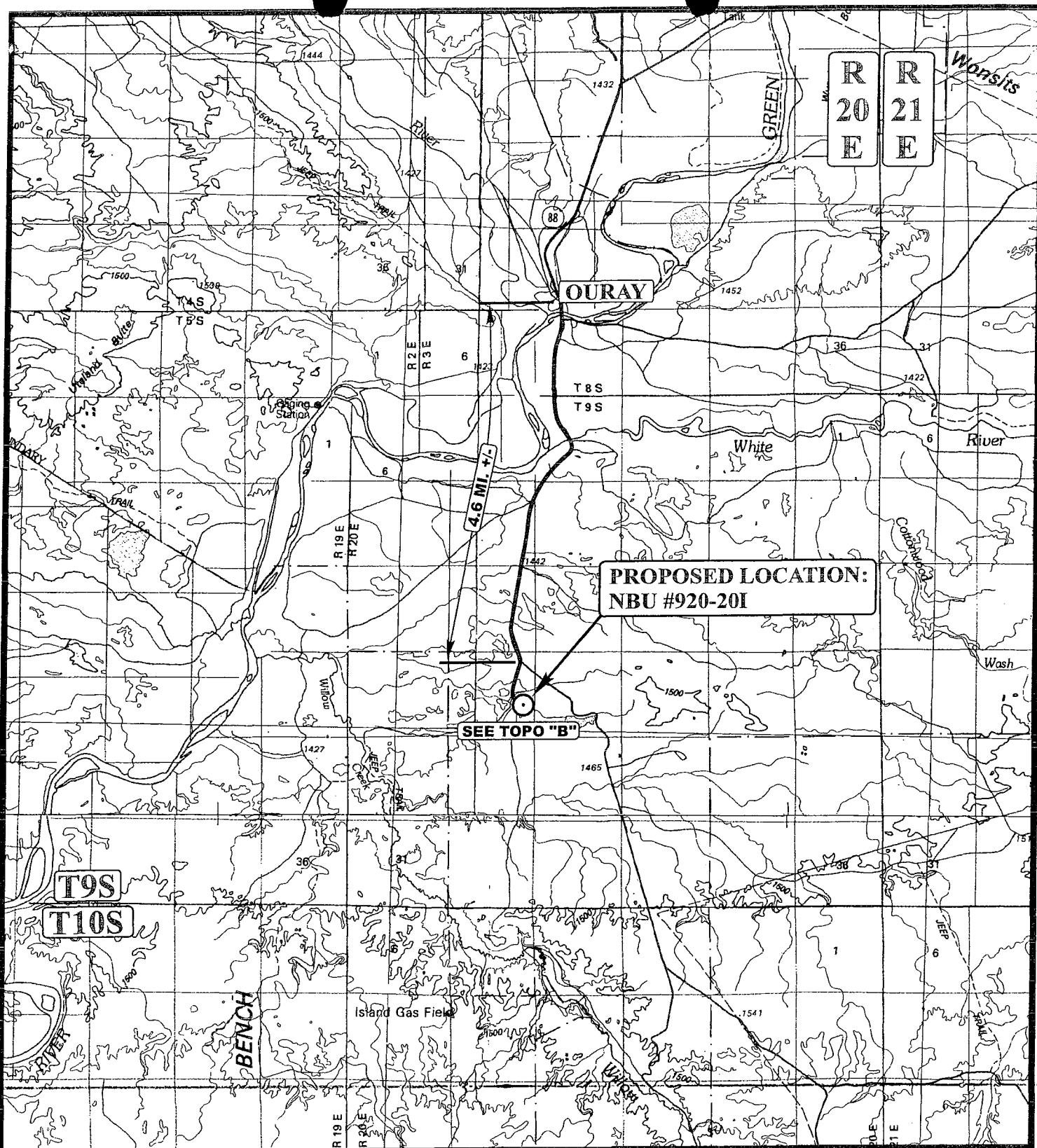
12 01 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: L.K.

REVISED: 01-16-06



# LEGEND:

○ PROPOSED LOCATION

## Kerr-McGee Oil & Gas Onshore LP

NBU #920-20I

SECTION 20, T9S, R20E, S.L.B.&M.

1955' FSL 717' FEL

**U&L**  
**U**intah **E**ngineering & Land **S**urveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
 MAP

12 01 05  
 MONTH DAY YEAR

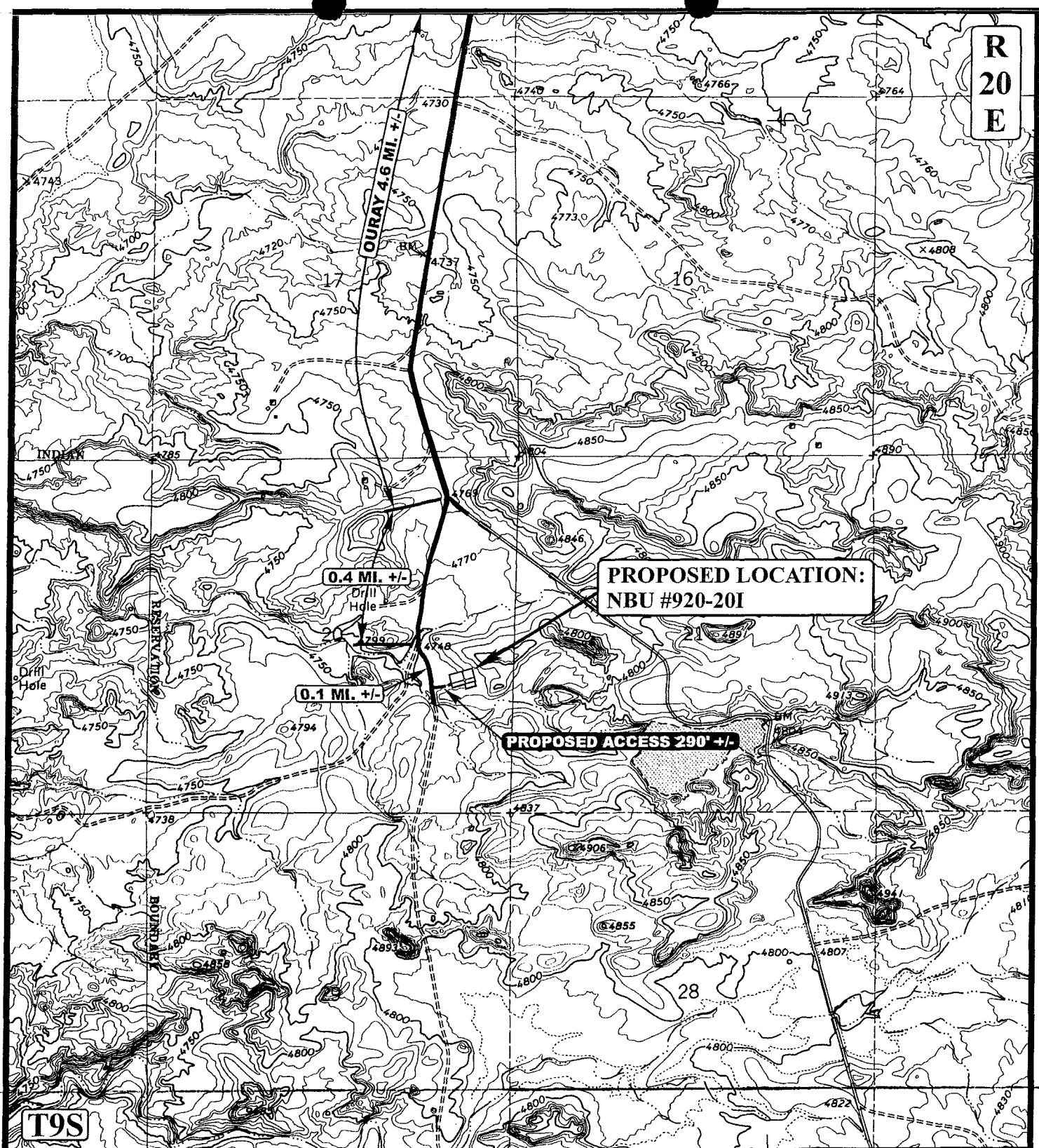
SCALE: 1:100,000

DRAWN BY: L.K.

REVISED: 01-16-06

**A**  
**TOPO**

R  
20  
E



T9S

**LEGEND:**

———— EXISTING ROAD  
----- PROPOSED ACCESS ROAD

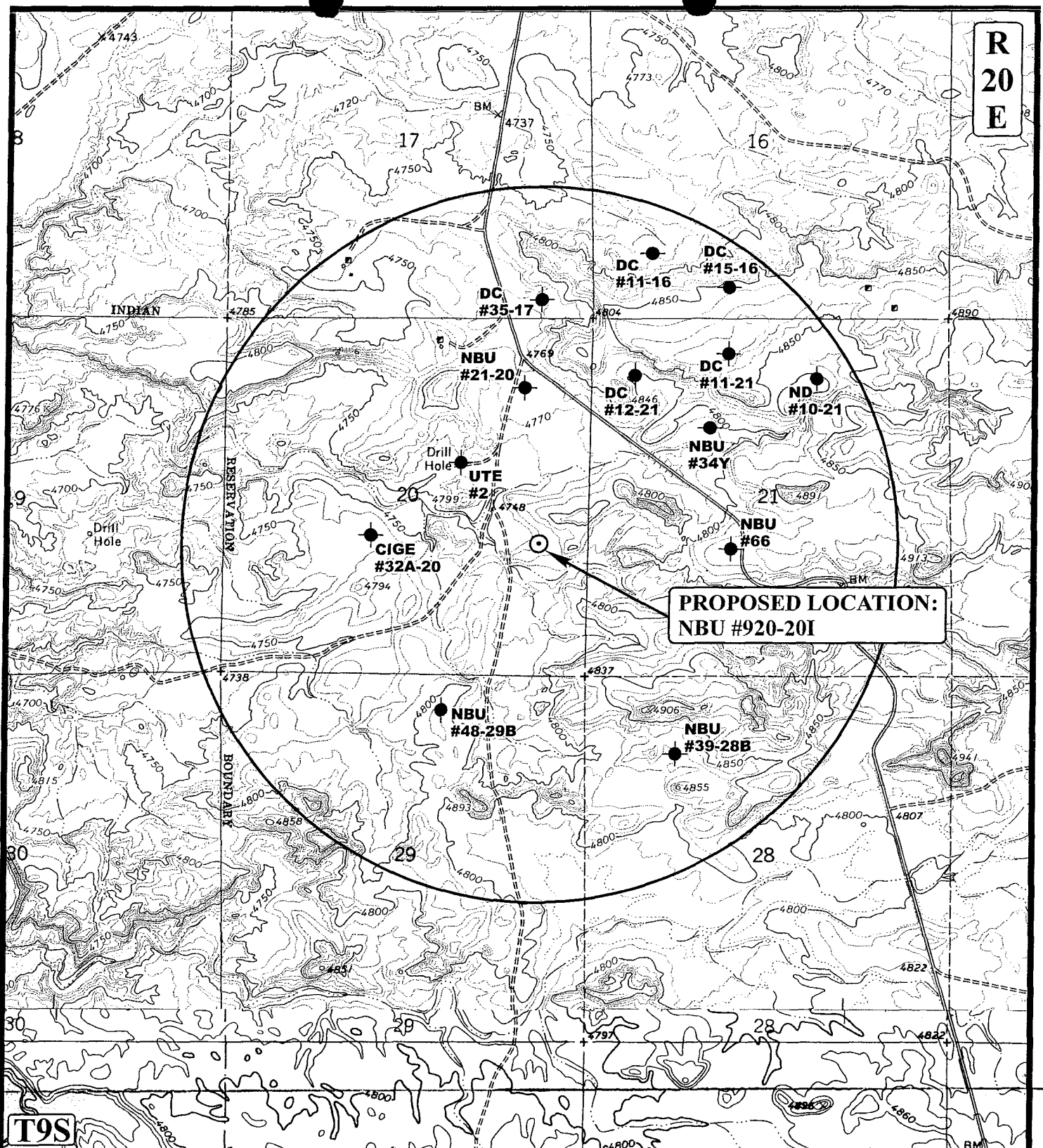
**Kerr-McGee Oil & Gas Onshore LP**  
**NBU #920-201**  
**SECTION 20, T9S, R20E, S.L.B.&M.**  
**1955' FSL 717' FEL**

**UEIS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC** 12 01 05  
**MAP** MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 01-16-06 **B**  
**TOPO**





**T9S**

**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ● WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



**Kerr-McGee Oil & Gas Onshore LP**

**NBU #920-20I**

**SECTION 20, T9S, R20E, S.L.B.&M.**

**1955' FSL 717' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

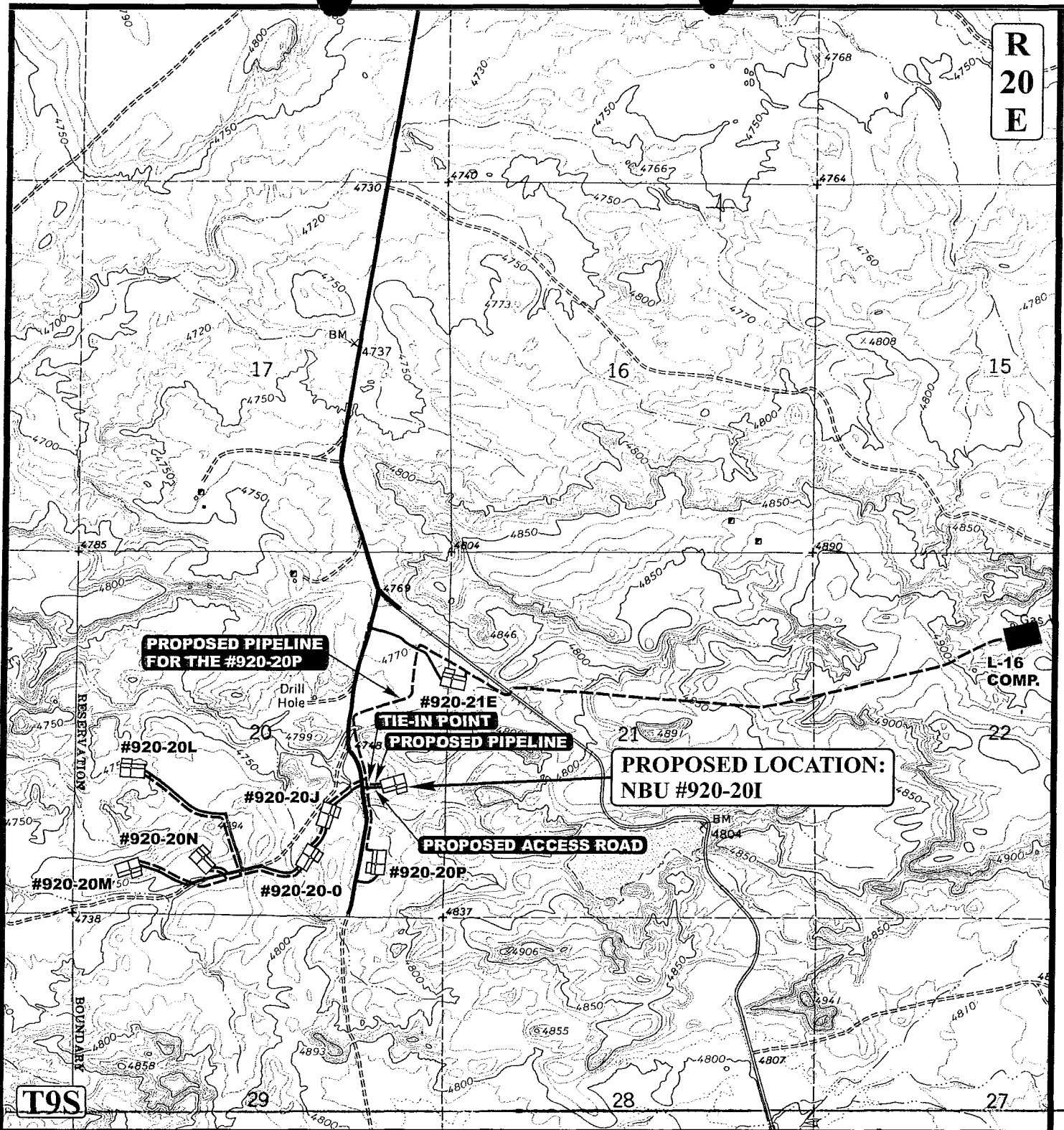
**12 01 05**  
 MONTH DAY YEAR

**SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 01-16-06**





**R  
20  
E**



APPROXIMATE TOTAL PIPELINE DISTANCE = 260' +/-

**LEGEND:**

- ===== PROPOSED ACCESS ROAD
- ===== RE-HABED ROAD
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

**Kerr-McGee Oil & Gas Onshore LP**

**NBU #920-20I**

**SECTION 20, T9S, R20E, S.L.B.&M.**

**1955' FSL 717' FEL**



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC  
MAP**

**12 01 05**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 01-16-06

**D  
TOPO**

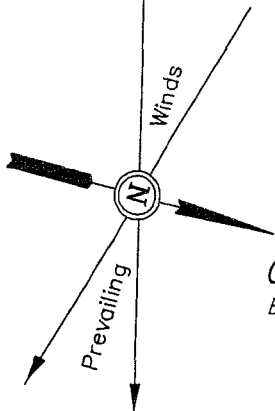
# Kerr-McGee Oil & Gas Onshore LP

## LOCATION LAYOUT FOR

NBU #920-20I

SECTION 20, T9S, R20E, S.L.B.&M.

1955' FSL 717' FEL



C-0.4'  
El. 69.2'

Proposed Access Road

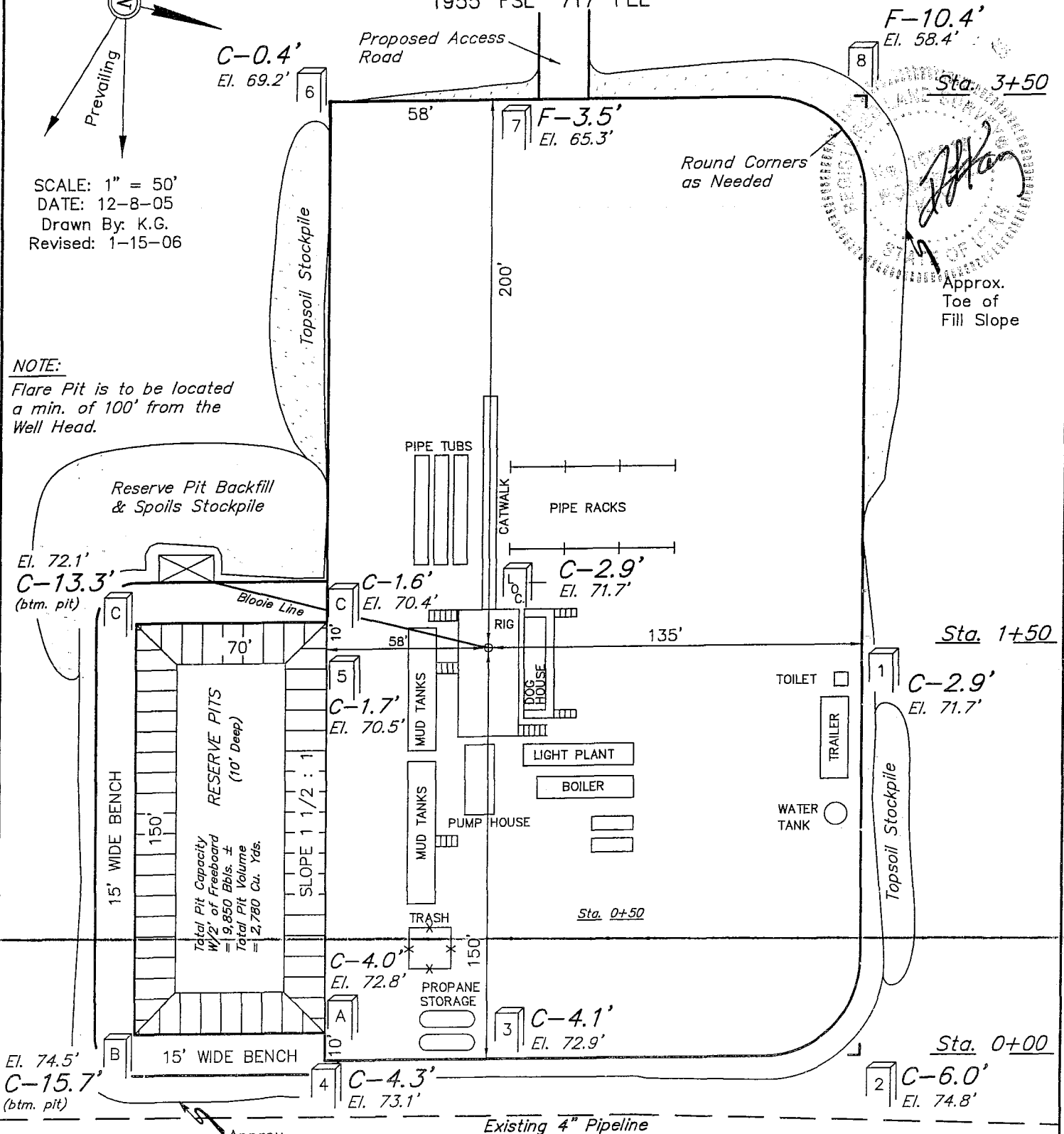
F-10.4'  
El. 58.4'

Sta. 3+50

SCALE: 1" = 50'  
DATE: 12-8-05  
Drawn By: K.G.  
Revised: 1-15-06

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 4771.7'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4768.8'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

## TYPICAL CROSS SECTIONS FOR

NBU #920-20I

SECTION 20, T9S, R20E, S.L.B.&M.

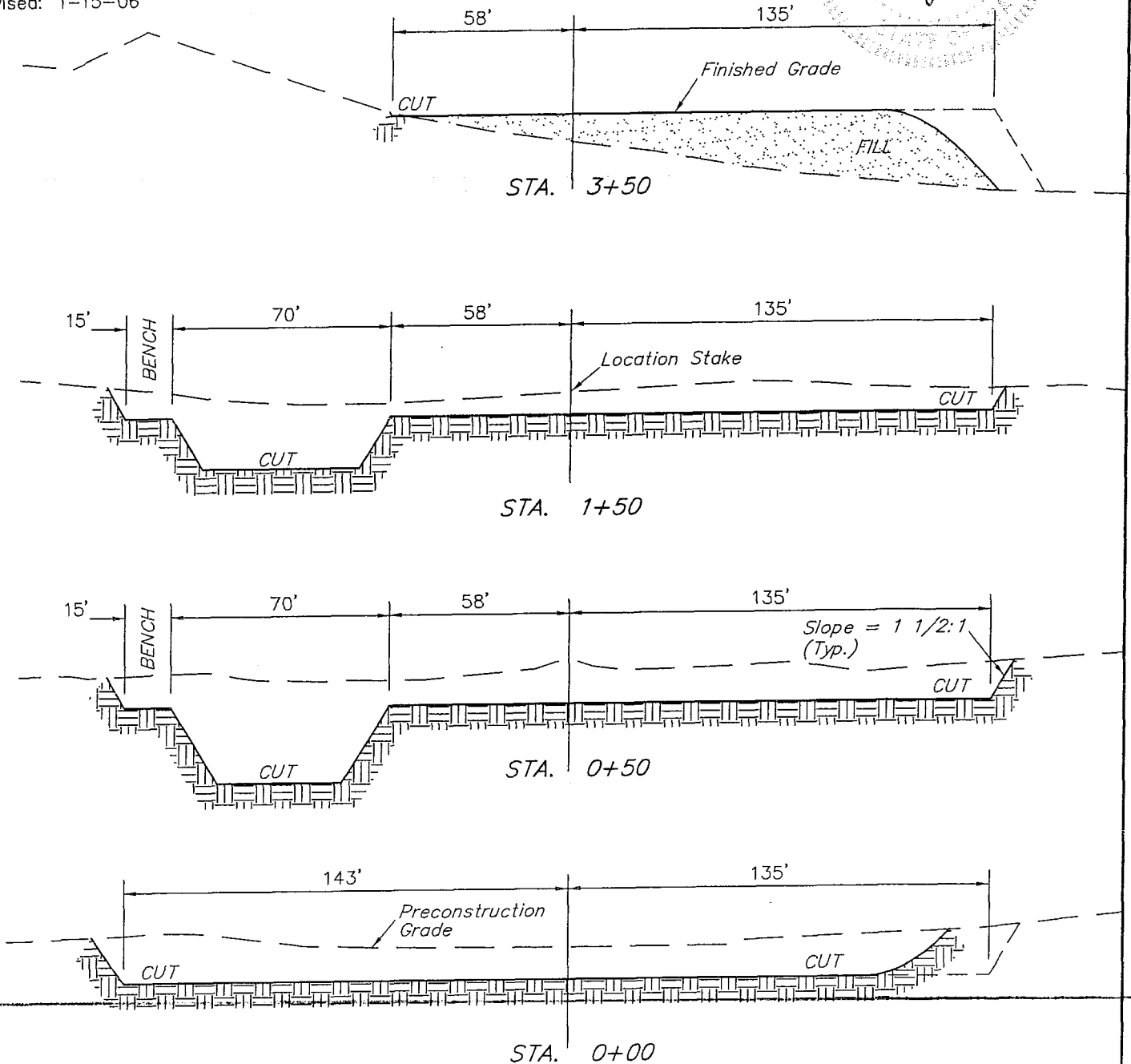
1955' FSL 717' FEL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 12-8-05

Drawn By: K.G.

Revised: 1-15-06



### APPROXIMATE YARDAGES

CUT  
(12") Topsoil Stripping = 3,450 Cu. Yds.  
Remaining Location = 8,260 Cu. Yds.  
  
TOTAL CUT = 11,710 CU.YDS.  
FILL = 6,870 CU.YDS.

EXCESS MATERIAL = 4,840 Cu. Yds.  
Topsoil & Pit Backfill = 4,840 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/14/2006

API NO. ASSIGNED: 43-047-37755

WELL NAME: NBU 920-20I  
OPERATOR: WESTPORT OIL & GAS CO ( N2115 )  
CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

NESE 20 090S 200E  
SURFACE: 1955 FSL 0717 FEL  
BOTTOM: 1955 FSL 0717 FEL  
COUNTY: UINTAH  
LATITUDE: 40.01897 LONGITUDE: -109.6829  
UTM SURF EASTINGS: 612401 NORTHINGS: 4430483  
FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-0144869  
SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD  
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. RLB0005239 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-8496 )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

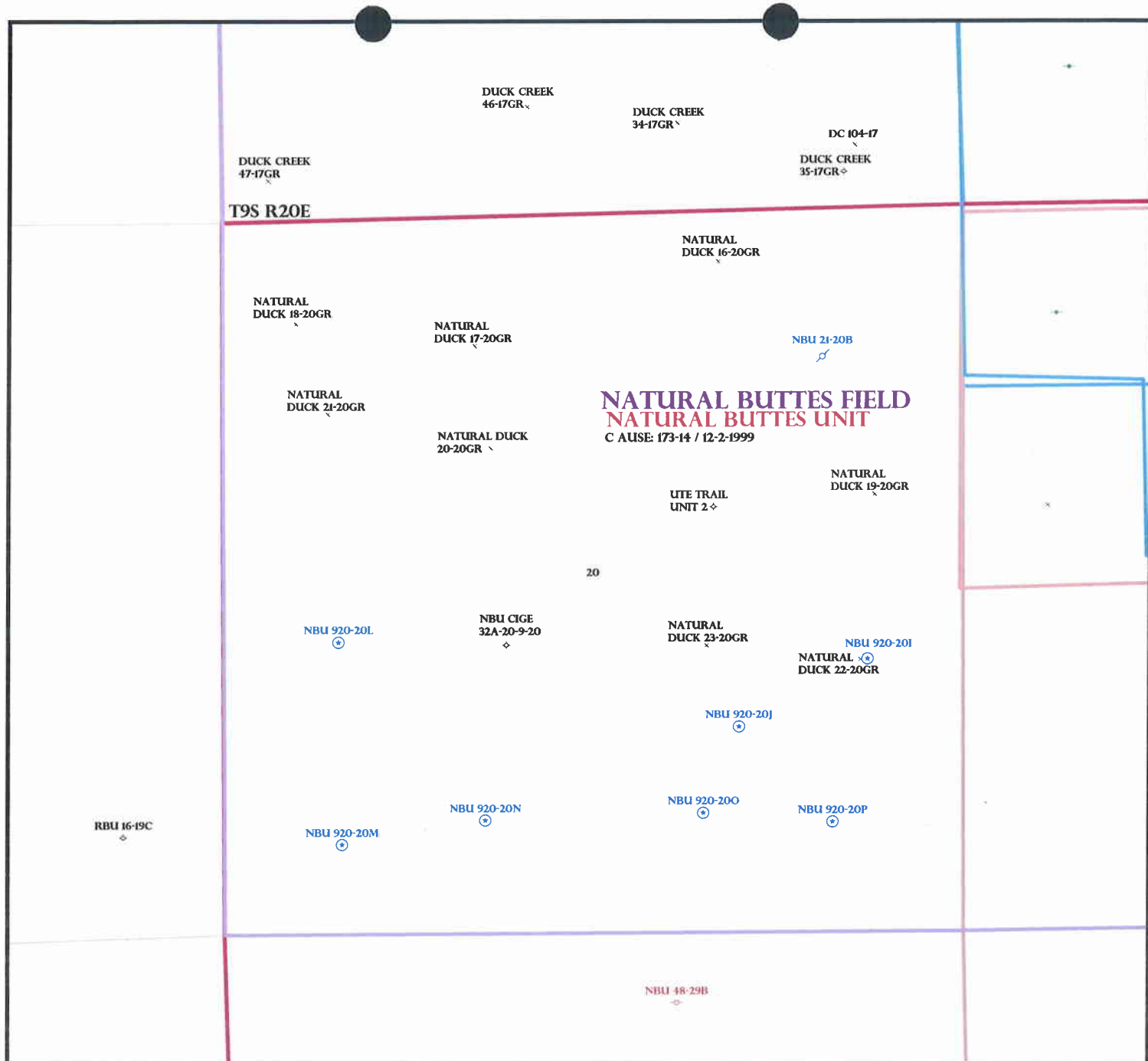
LOCATION AND SITING:

     R649-2-3.  
Unit: NATURAL BUTTES  
     R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
     R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 173-14  
Eff Date: 12-2-99  
Siting: 460' or 12' long & 12' wide Tracer  
     R649-3-11. Directional Drill

COMMENTS: Sup, Separate File

STIPULATIONS: 1- Federal Approval

2- OIL SHALE



OPERATOR: WESTPORT O&G CO (N2115)

SEC: 20 T. 9S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

C AUSE: 173-14 / 12-2-1999

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA WHITNEY  
DATE: 16-FEBRUARY-2006

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

### IN REPLY REFER TO:

3160

(UT-922)

March 2, 2006

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Natural Buttes Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Wasatch-MesaVerde)

43-047-37738	NBU 1022-19F	Sec 19 T10S R22E 2239 FNL 1622 FWL
43-047-37739	NBU 1022-19D	Sec 19 T10S R22E 0732 FNL 0640 FWL
43-047-37740	NBU 1022-19C	Sec 19 T10S R22E 0896 FNL 1891 FWL
43-047-37765	NBU 1022-16J	Sec 16 T10S R22E 2302 FSL 1901 FEL
43-047-37766	NBU 1022-16P	Sec 16 T10S R22E 0724 FSL 0973 FEL
43-047-37767	NBU 1022-16L	Sec 16 T10S R22E 1904 FSL 0343 FWL
43-047-37768	NBU 1022-18H	Sec 18 T10S R22E 1947 FNL 0465 FEL
43-047-37769	NBU 1022-18G	Sec 18 T10S R22E 1870 FNL 1383 FEL
43-047-37770	NBU 1022-18I	Sec 18 T10S R22E 1592 FSL 0803 FEL
43-047-37771	NBU 1022-18E	Sec 18 T10S R22E 1656 FNL 0606 FWL
43-047-37772	NBU 1022-18J	Sec 18 T10S R22E 2158 FSL 2171 FEL
43-047-37773	NBU 1022-18N	Sec 18 T10S R22E 0125 FSL 1249 FWL
43-047-37774	NBU 1022-18B	Sec 18 T10S R22E 0818 FNL 2040 FEL
43-047-37775	NBU 1022-18P	Sec 18 T10S R22E 0169 FSL 0249 FEL
43-047-37776	NBU 1022-18D	Sec 18 T10S R22E 0765 FNL 0311 FWL
43-047-37777	NBU 1022-18O	Sec 18 T10S R22E 0134 FSL 2445 FEL
43-047-37783	NBU 1022-19K	Sec 19 T10S R22E 1509 FSL 1427 FWL
43-047-37778	NBU 1022-19H	Sec 19 T10S R22E 2298 FNL 1086 FEL
43-047-37779	NBU 1022-19B	Sec 19 T10S R22E 0696 FNL 2180 FEL
43-047-37780	NBU 1022-19G	Sec 19 T10S R22E 2069 FNL 2241 FEL
43-047-37781	NBU 1022-19I	Sec 19 T10S R22E 2135 FSL 0460 FEL
43-047-37782	NBU 1022-19O	Sec 19 T10S R22E 0740 FSL 2065 FEL
43-047-37734	NBU 1021-27E	Sec 27 T10S R21E 1862 FNL 0535 FWL
43-047-37728	NBU 1021-28G	Sec 28 T10S R21E 1952 FNL 1971 FEL
43-047-37721	NBU 1021-13C	Sec 13 T10S R21E 0576 FNL 1772 FWL
43-047-37722	NBU 1021-13A	Sec 13 T10S R21E 0651 FNL 1311 FEL

Page 2

43-047-37723 NBU 1021-13G	Sec 13 T10S R21E 1444 FNL 2651 FEL
43-047-37724 NBU 1021-13K	Sec 13 T10S R21E 1935 FSL 1486 FWL
43-047-37725 NBU 1021-13I	Sec 13 T10S R21E 2353 FSL 0668 FEL
43-047-37727 NBU 1021-13O	Sec 13 T10S R21E 0777 FSL 1573 FEL
43-047-37761 NBU 920-20P	Sec 20 T09S R20E 0769 FSL 0978 FEL
43-047-37760 NBU 920-20O	Sec 20 T09S R20E 0842 FSL 1913 FEL
43-047-37759 NBU 920-20N	Sec 20 T09S R20E 0803 FSL 1885 FWL
43-047-37758 NBU 920-20M	Sec 20 T09S R20E 0630 FSL 0838 FWL
43-047-37757 NBU 920-20L	Sec 20 T09S R20E 2104 FSL 0827 FWL
43-047-37756 NBU 920-20J	Sec 20 T09S R20E 1466 FSL 1653 FEL
43-047-37755 NBU 920-20I	Sec 20 T09S R20E 1955 FSL 0717 FEL
43-047-37732 NBU 920-22E	Sec 22 T09S R20E 2009 FNL 0756 FWL
43-047-37764 NBU 920-24M	Sec 24 T09S R20E 0614 FSL 0851 FWL
43-047-37753 NBU 920-14M	Sec 14 T09S R20E 0536 FSL 0612 FWL
43-047-37754 NBU 920-14N	Sec 14 T09S R20E 0732 FSL 1805 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Natural Buttes Unit  
Division of Oil Gas and Mining  
Central Files



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

March 6, 2006

Westport Oil & Gas Company, LP  
1368 South 1200 East  
Vernal, UT 84078

Re: Natural Buttes Unit 920-20I Well, 1955' FSL, 717' FEL, NE SE, Sec. 20,  
T. 9 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37755.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office



Operator: Westport Oil & Gas Company, LP  
Well Name & Number Natural Buttes Unit 920-201  
API Number: 43-047-37755  
Lease: UTU-0144869

Location: NE SE                      Sec. 20                      T. 9 South                      R. 20 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT			
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**

**BIA BOND = RLB0005239**

**APPROVED 5/16/06**

*Earlene Russell*

**Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**WESTPORT OIL & GAS COMPANY L.P.**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

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☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

**APPROVED 5/16/06**

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

**RECEIVED**

**MAY 10 2006**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Date

**5-9-06**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

### Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

### Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

ENV. OF CALIF. GAS & MIN. DIV.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR McGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1955' FSL 717' FEL

NESE, SEC 20-T9S-R20E

5. Lease Serial No.

UTU-0144869

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-201

9. API Well No.

4304737755

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL AND TWO COPIES

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 02-21-07  
By: [Signature]

2-22-07  
RM

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

[Signature: Ramey Hoopes]

Date

FEBURARY 12, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

FEB 20 2007

DIV. OF OIL, GAS & MINING



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737755  
**Well Name:** NBU 920-20I  
**Location:** NESE, SEC 20-T9S-R20E  
**Company Permit Issued to:** KERR MCGEE OIL AND GAS ONSHORE LP  
**Date Original Permit Issued:** 3/6/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Ramey Hopper  
Signature

2/12/2007  
Date

**Title:** Regulatory Clerk

**Representing:** Kerr McGee Oil & Gas Onshore LP

RECEIVED  
FEB 20 2007  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM VERNAL, UTAH

FORM APPROVED

OMB No. 1004-0136

Expires November 30, 2000

1a. Type of Work: ☒ DRILL

☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

☐ Single Zone ☒ Multiple Zone

KERR MCGEE O&G ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

435-781-7060

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface NESE 1955' FSL 717' FEL

At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office\*

5.1 MILES SOUTH OF OURAY, UTAH

15. Distance from proposed\*

location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)

717'

16. No. of Acres in lease

720

17. Spacing Unit dedicated to this well

40

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft.

REFER TO  
TOPO C

19. Proposed Depth

10600'

20. BLM/BIA Bond No. on file

C0-1203

BIA #RLB0005239

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

4768.8' GL

22. Approximate date work will start\*

UPON APPROVAL

23. Estimated duration

TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO shall be filed with the appropriate Forest Service Office.

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the  
authorized office.

25. Signature

Name (Printed/Typed)

Date

DEBRA DOMENICI

2/8/2006

Title

ASSOCIATE ENVIRONMENTAL ANALYST

Approved by (Signature)

Name (Printed/Typed)

Date

Steve Kevola

12-27-2007

Title

Assistant Field Manager  
Land & Mineral Resources

Office

VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

NOTICE OF APPROVAL

RECEIVED

DEC 31 2007

DIV. OF OIL, GAS & MINING

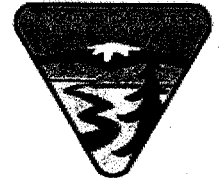
No NOS

07BM4917A

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE  
170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Kerr-McGee Oil & Gas Onshore, LP Location: NESE, Sec. 20, T9S, R20E  
Well No: NBU 920-20I Lease No: UTU-0144869  
API No: 43-047-37755 Agreement: Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

***Surface COAs:***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

***Site Specific COAs:***

- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.

- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

## ***DOWNHOLE CONDITIONS OF APPROVAL ( COAs)***

### **SITE SPECIFIC DOWNHOLE COAs:**

- None

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from

KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$  $\frac{1}{4}$ , Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.



- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR MCGEE OIL AND GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**435-781-7003**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NE/SE SEC. 20, T9S, R20E 1955'FSL, 717'FEL**

5. Lease Serial No.

**UTU-0144869**

6. If Indian, Allottee or Tribe Name

**UTE TRIBE**

7. If Unit or CA/Agreement, Name and/or No.

**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 920-201**

9. API Well No.

**4304737755**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other DOGM APD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>EXTENSION</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON MARCH 6, 2006.

**COPY SENT TO OPERATOR**

Date: **2-26-2008**

Initials: **KS**

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: **02-25-08**

By: 

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA LIPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Signature

Date

**February 5, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**

**FEB 25 2008**

**DIV. OF OIL, GAS & MINING**

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737755  
**Well Name:** NBU 920-20I  
**Location:** NE/SE SEC. 20, T9S, R20E  
**Company Permit Issued to:** WESTPORT OIL & GAS COMPANY  
**Date Original Permit Issued:** 3/6/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

2/4/2008

Date

Title: SENOIR LAND ADMIN SPECIALIST

Representing: KERR-McGEE OIL & GAS ONSHORE LP

**RECEIVED**

**FEB 25 2008**

**DIV. OF OIL, GAS & MINING**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995  
Address: 1368 SOUTH 1200 EAST  
city VERNAL  
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737755	NBU 920-201		NESE	20	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	6/10/2008			<u>6/19/08</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>W57MVD</u> SPUD WELL LOCATION ON 06/10/2008 AT 1000 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

**RECEIVED**

**JUN 16 2008**

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

6/12/2008

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NE/SE SEC. 20, T9S, R20E 1955'FSL, 717'FEL**

5. Lease Serial No.

**UTU-0144869**

6. If Indian, Allottee or Tribe Name

**TRIBAL SURFACE**

7. If Unit or CA/Agreement, Name and/or No.

**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 920-201**

9. API Well No.

**4304737755**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>WELL SPUD</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

**MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" .36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.**

**SPUD WELL LOCATION ON 06/10/2008 AT 1000 HRS.**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Date

**June 12, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**

**JUN 17 2008**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/SE SEC. 20, T9S, R20E 1955'FSL, 717'FEL

5. Lease Serial No.

UTU-0144869

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-201

9. API Well No.

4304737755

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SET SURFACE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	CSG
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PROPETRO AIR RIG ON 06/17/2008. DRILLED 12 1/4" SURFACE HOLE TO 2850'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/270 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/ 200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS THROUGH OUT JOB 30 +/- BBLS LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE. GOOD CMT TO SURFACE AND FELL BACK. TOP OUT W/50 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL. WORT

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

June 24, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

JUN 26 2008

DIV. OF OIL, GAS & MINING



Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

UTU-0144869

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-201

9. API Well No.

4304737755

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/SE SEC. 20, T9S, R20E 1955'FSL, 717'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other FINAL DRILLING OPERATIONS
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2850' TO 10,700' ON 07/18/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/710 SX PREM LITE II @12.5 PPG 2.05 YIELD. TAILED CMT W/1455 SX 50/50 POZ @ 14.3 PPG 1.31 YIELD. DISPLACE W/165 BBL BUMP PLUG FLOATS HELD. FLUSH STACK LAND CSG W/75,000# TEST HANGER SEALS OK. NIPPLE DOWN BOPS CLEAN MUD PITS.

RELEASED PIONEER RIG 41 ON 07/20/2008 AT 1300 HRS.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

REGULATORY ANALYST

Signature

Date

July 21, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

JUL 28 2008

DIV OF OIL, GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NE/SE SEC. 20, T9S, R20E 1955'FSL, 717'FEL**

5. Lease Serial No.

**UTU-0144869**

6. If Indian, Allottee or Tribe Name

**TRIBAL SURFACE**

7. If Unit or CA/Agreement, Name and/or No.

**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 920-201**

9. API Well No.

**4304737755**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>PRODUCTION START-UP</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 08/09/2008 AT 10:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEIDA UPCHEGO**

Signature

Title

**REGULATORY ANALYST**

Date

**August 11, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**  
**AUG 13 2008**

**DIV. OF OIL, GAS & MINING**

Wins No.: 94888

NBU 920-201

## Well Operations Summary Long

Operator KERR MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 06/10/2008	GL 4,772	KB 4790	ROUTE
API 4304737755	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat.: 40.01903 / -109.68362		Q-Q/Sect/Town/Range: NESE / 20 / 9S / 20E		Footages: 1,955.00' FSL 717.00' FEL	

## Wellbore: NBU 920-201

MTD 10,700	TVD 12,659	PBMD 10,645	PBTVD
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EVENT INFORMATION: EVENT ACTIVITY: DRILLING  
 OBJECTIVE: DEVELOPMENT  
 OBJECTIVE 2: VERTICAL WELL  
 REASON:  
 START DATE: 6/10/2008  
 END DATE: 7/20/2008  
 DATE WELL STARTED PROD.:  
 Event End Status: COMPLETE

AFE NO.: 2020845

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PETE MARTIN DRILLING / UI	06/10/2008	06/10/2008	06/10/2008	06/10/2008	06/10/2008	06/10/2008	06/10/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
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MD: 58

6/10/2008 SUPERVISOR: LEW WELDON  
 10:00 - 17:00 7.00 DRLCON 02 P MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1000 HR 6/10/08  
 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT  
 HOLES FOR RIG 41 BLM AND STATE NOTFIED OF SPUD

MD: 390

6/17/2008 SUPERVISOR: LEW WELDON  
 20:00 - 0:00 4.00 DRLSUR 02 P MOVE IN AND RIG UP AIR RIG SPUD WELL @ 2000 HR 6/17/08  
 DA AT REPORT TIME 390'

MD: 1,290

6/18/2008 SUPERVISOR: LEW WELDON  
 0:00 - 12:00 12.00 DRLSUR 02 P RIG DRILLING AHEAD NO WATER 880'

12:00 - 0:00 12.00 DRLSUR 02 P RIG DRILLING AHEAD NO WATER 1290'

MD: 2,280

6/19/2008 SUPERVISOR: LEW WELDON  
 0:00 - 12:00 12.00 DRLSUR 02 P RIG DRILLING AHEAD NO WATER 1780'

12:00 - 0:00 12.00 DRLSUR 02 P RIG DRILLING AHEAD NO WATER 2280'

MD: 2,850

6/20/2008 SUPERVISOR: LEW WELDON  
 0:00 - 12:00 12.00 DRLSUR 02 P RIG T/D @ 2850' CONDITION HOLE 1 HR

12:00 - 16:00 4.00 DRLSUR 05 P TRIP DP OUT OF HOLE

16:00 - 20:00 4.00 DRLSUR 11 P RUN 2829' OF 9 5/8 CSG AND 200' OF 1" PIPE RIG DOWN AIR RIG

20:00 - 21:00 1.00 DRLSUR 15 P CEMENT 1ST STAGE WITH 270 SKS LEAD @ 11# 3.82 23 GAL/SK  
 AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK GOOD RETURNS  
 THRUOUT JOB + - 30 BBL LEAD CMT TO PIT

20:00 - 21:00	1.00	DRLSUR	15	P	CEMENT 1ST STAGE WITH 270 SKS LEAD @ 11# 3.82 23 GAL/SK AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK GOOD RETURNS THRUOUT JOB + - 30 BBL LEAD CMT TO PIT
21:00 - 21:30	0.50	DRLSUR	15	P	1ST TOP JOB 100 SKS DOWN 1" PIPE GOOD CMT TO SURFACE AND FELL BACK WOC
21:30 - 23:00	1.50	DRLSUR	15	P	2ND TOP JOB 50 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE
23:00 - 23:00	0.00	DRLSUR			NO VISIBLE LEAKS PIT 1/2 FULL WORT

MD: 2,850

7/3/2008 SUPERVISOR: JIM MURRAY

0:00 - 0:00	24.00	DRLPRO	01	E	P	RIG DOWN, TRUCKS ON LOC @ 0630 HRS, LOAD OUT, FRONT END, DERRICK OVER @ 9AM, FINISH LOAD OUT RIG, MOVE 10 MILES TO NBU 920-201, W/ 6 BED TRUCKS, 4 HAUL TRUCKS, 2 FORKLIFTS, 1 CRANE & SET IN PLACE, TRUCKS GONE @ 2000 HRS, RIG 100% MOVED, 50 % RIGGED, MAN HRS = 156
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MD: 2,850

7/4/2008 SUPERVISOR: JIM MURRAY

0:00 - 19:00	19.00	DRLPRO	01	B	P	RIG UP, LIGHTS, PITS, PUMPS, RUN AIR, FUEL WATER LINES DERRICK UP @ 0730 HRS SET BEAVER SLIDE, HOOK UP BUSTER LINES, RIG UP FLOOR, PU SWIVEL & KELLY
19:00 - 23:00	4.00	DRLPRO	13	A	P	NU BOPE, RIG ACCEPTED ON DAYWORK 1900 HRS 7/4/2008 TOTAL MAN HRS = 241
23:00 - 0:00	1.00	DRLPRO	13	C	P	TEST BOP

MD: 3,530

7/5/2008 SUPERVISOR: JIM MURRAY

0:00 - 3:30	3.50	DRLPRO	13	C	P	TEST BLIND, PIPE RAMS, KELLY, CHOKE LINE & ALL VALVES 250-5000, ANNULAR 2500, CSG 1500
3:30 - 8:00	4.50	DRLPRO	05	A	P	SM RU T-REX PU BHA & 63 JTS DP RIG DOWN SAME
8:00 - 10:00	2.00	DRLPRO	08	E	P	INSTALL ROTA RUBBER, & KELLY DRIVE, TORQUE KELLY, CENTER BOP
10:00 - 11:30	1.50	DRLPRO	02	F	P	DRILL CMT FLOAT & SHOE @ 2842'
11:30 - 12:00	0.50	DRLPRO	02	B	P	DRILLING SPUD @ 11:30 7/5/2008, 2850- 2904=54 8.4 / 26
12:00 - 12:30	0.50	DRLPRO	06	A	P	RIG SERVICE
12:30 - 13:00	0.50	DRLPRO	09	A	P	WL SURVEY .77 DEG @ 2829'
13:00 - 21:30	8.50	DRLPRO	02	B	P	DRILLING 2904 -3409=505=59.4 , HIT SHALLOW GAS @ 3044' -3116 DRLG THRU BUSTER BRING MUD WT TO 10.0# ,

Wins No.: 94888		NBU 920-201					API No.: 4304737755
13:00 - 21:30		8.50	DRLPRO	02	B	P	DRILLING 2904 -3409=505=59.4 , HIT SHALLOW GAS @ 3044' -3116 DRLG THRU BUSTER BRING MUD WT TO 10.0# ,
21:30 - 22:00		0.50	DRLPRO	09	A	P	WL SURVEY .47 DEG @ 3334'
22:00 - 0:00		2.00	DRLPRO	02	B	P	DRILLING 3409 - 3530=121=60.5 10.0 / 32
							MD: 4,250
7/6/2008	SUPERVISOR: JIM MURRAY						
0:00 - 9:30		9.50	DRLPRO	02	B	P	DRILLING 3530 - 3852=322=33.8 10.0 / 32 (SLOW P RATE)
9:30 - 10:30		1.00	DRLPRO	04	C	S	CCH,MIX & PUMP SLUG,DROP SURVEY
10:30 - 12:30		2.00	DRLPRO	05	A	P	TRIP OUT HOLE,CHANGE BITS
12:30 - 14:00		1.50	DRLPRO	05	A	P	TRIP IN HOLE , NO FILL
14:00 - 17:30		3.50	DRLPRO	02	B	P	DRILLING 3852-4010=158=45.1 10.0 / 33
17:30 - 18:00		0.50	DRLPRO	06	A	P	RIG SERVICE
18:00 - 18:30		0.50	DRLPRO	09	A	P	WL SURVEY 1.92 DEG @ 3935'
18:30 - 0:00		5.50	DRLPRO	02	B	P	DRILLING 4010 - 4250=240=43.6, 10.0 / 34 LIGHT BIT WT TO CONTROL DEV
							MD: 5,265
7/7/2008	SUPERVISOR: JIM MURRAY						
0:00 - 6:30		6.50	DRLPRO	02	B	P	DRILLING 4250-4516=266=40.9 10.0 / 34
6:30 - 7:00		0.50	DRLPRO	09	A	P	WL SURVEY 1.69 DEG @ 4440'
7:00 - 13:00		6.00	DRLPRO	02	B	P	DRILLING 4516-4832=316=52.6 10.0 / 32
13:00 - 13:30		0.50	DRLPRO	06	A	P	RIG SERVICE
13:30 - 17:00		3.50	DRLPRO	02	B	P	DRILLING 4832 - 4991=159=45.5 10.0 / 34
17:00 - 17:30		0.50	DRLPRO	09	A	P	WL SURVEY 1.97 DEG @ 4916'
17:30 - 0:00		6.50	DRLPRO	02	B	P	DRILLING 4991 - 5265=274=42.1 10.1 / 36
							MD: 6,162
7/8/2008	SUPERVISOR: JIM MURRAY						

Wins No.: 94888		NBU 920-201					API No.: 4304737755
0:00 - 5:00		5.00	DRLPRO	02	B	P	DRILLING 5265 - 5465=200=40 10.1 / 36
5:00 - 5:30		0.50	DRLPRO	09	A	P	WL SURVEY 1.73 DEG @ 5390
5:30 - 12:00		6.50	DRLPRO	02	B	P	DRILLING 5465 - 5750=285=43.8 10.1 / 36
12:00 - 12:30		0.50	DRLPRO	06	A	P	RIG SERVICE
12:30 - 19:30		7.00	DRLPRO	02	B	P	DRILLING 5750 - 6003=253=36.1 10.2 / 37
19:30 - 20:00		0.50	DRLPRO	09	A	P	WL SURVEY 1.32 DEG @ 5928'
20:00 - 0:00		4.00	DRLPRO	02	B	P	DRILLING 6003 - 6162 = 159' = 39.7 FPH, MW 10.3 / 39
							MD: 6,952
7/9/2008	SUPERVISOR: RON SJOSTROM						
0:00 - 11:00		11.00	DRLPRO	02	B	P	DRILLING 6162-6573 = 411' = 37.4 FPH, MW 10.6 / 39
11:00 - 11:30		0.50	DRLPRO	06	A	P	RIG SERVICE
11:30 - 13:30		2.00	DRLPRO	02	B	P	DRILLING 6573-6635 = 62' = 31 FPH, MW 10.6 / 39
13:30 - 14:00		0.50	DRLPRO	07	B	Z	WORK ON MUD PUMP #2
14:00 - 0:00		10.00	DRLPRO	02	B	P	DRILLING 6635-6952 = 317' = 31.7 FPH, MW 10.8 / 39
							MD: 7,493
7/10/2008	SUPERVISOR: RON SJOSTROM						
0:00 - 15:30		15.50	DRLPRO	02	B	P	DRILLING 6952-7332 = 380' = 24.5 FPH, MW 11.0 / 48
15:30 - 16:00		0.50	DRLPRO	06	A	P	RIG SERVICE
16:00 - 0:00		8.00	DRLPRO	02	B	P	DRILLING 7332-7493 = 161' = 21.1 FPH, MW 11.5 / 39
							MD: 8,006
7/11/2008	SUPERVISOR: RON SJOSTROM						
0:00 - 9:00		9.00	DRLPRO	02	B	P	DRILL 7493-7660 = 167' = 18.6 FPH, MW 11.5
9:00 - 9:30		0.50	DRLPRO	09	A	P	WIRELINE SURVEY @ 7600 = 0.84 DEG
9:30 - 17:00		7.50	DRLPRO	02	B	P	DRILL 7660-7838 = 178' = 23.7 FPH, MW 11.7

Wins No.: 94888		NBU 920-201						API No.: 4304737755
17:00 - 17:30		0.50	DRLPRO	06	A	P	RIG SERVICE	
17:30 - 0:00		6.50	DRLPRO	02	B	P	DRILL 7838-8006, 168' = 25.8 FPH, MW 11.9#	
7/12/2008		SUPERVISOR: RON SJOSTROM						MD: 8,345
0:00 - 14:00		14.00	DRLPRO	02	B	P	DRILL 8006-8345=339' = 24.2 FPH, MW 11.9 / 43	
14:00 - 19:30		5.50	DRLPRO	05	A	P	DROP SURVEY, TRIP OUT FOR BIT #3, L/D MUD MOTOR	
19:30 - 21:30		2.00	DRLPRO	05	A	P	P/U NEW MUD MOTOR, BIT #3, TRIP IN TO SHOE	
21:30 - 22:00		0.50	DRLPRO	06	A	P	RIG SERVICE	
22:00 - 23:00		1.00	DRLPRO	06	D	P	CUT & SLIP DRLG LINE	
23:00 - 0:00		1.00	DRLPRO	05	A	P	TRIP IN HOLE	
7/13/2008		SUPERVISOR: RON SJOSTROM						MD: 8,776
0:00 - 2:00		2.00	DRLPRO	05	A	P	TRIP IN, HOLE GOOD	
2:00 - 2:30		0.50	DRLPRO	04	A	P	WASH 60 TO TD, NO FILL	
2:30 - 13:30		11.00	DRLPRO	02	B	P	DRILLING 8345-8620 = 275' = 25 FPH, MW 11.9	
13:30 - 14:00		0.50	DRLPRO	07	B	Z	RIG REPAIR-MP #2 VALVE	
14:00 - 15:00		1.00	DRLPRO	02	B	P	DRILL 8620-8633 = 13', MW 11.9	
15:00 - 15:30		0.50	DRLPRO	06	A	P	RIG SERVICE	
15:30 - 0:00		8.50	DRLPRO	02	B	P	DRILL 8633-8776 = 143' = 16.8 FPH, MW 12.0#	
7/14/2008		SUPERVISOR: RON SJOSTROM						MD: 9,213
0:00 - 17:30		17.50	DRLPRO	02	B	P	DRILLING 8776-9138 = 362' = 20.7 FPH, MW 12.1#	
17:30 - 18:00		0.50	DRLPRO	06	A	P	RIG SERVICE	
18:00 - 20:00		2.00	DRLPRO	07	A	Z	RIG REPAIR, CRACKED MUD LINE VALVE MP#1	

Wins No.: 94888		NBU 920-201					API No.: 4304737755	
20:00 - 0:00		4.00	DRLPRO	02	B	P	DRILLING 9138-9213 = 75' = 18.75 FPH, MW 12.1#	
7/15/2008		SUPERVISOR: RON SJOSTROM					MD: 9,795	
0:00 - 8:30		8.50	DRLPRO	02	B	P	DRILL 9213-9423 = 210' = 24.7 FPH, MW 12.1	
8:30 - 9:00		0.50	DRLPRO	06	A	P	RIG SERVICE	
9:00 - 0:00		15.00	DRLPRO	02	B	P	DRILL 9423-9795=372' = 24.8 FPH, MW 12.2 / 42	
7/16/2008		SUPERVISOR: RON SJOSTROM					MD: 10,056	
0:00 - 17:00		17.00	DRLPRO	02	B	P	DRILL 9795-10056 = 261' = 15.4 FPH, MW 12.4#	
17:00 - 18:00		1.00	DRLPRO	04	C	P	CCH FOR SAMPLE, PUMP SLUG, DROP SURVEY	
18:00 - 23:00		5.00	DRLPRO	05	A	P	POOH FOR BIT #4-HOLE GOOD	
23:00 - 0:00		1.00	DRLPRO	05	A	P	TRIP IN WITH BIT #4	
7/17/2008		SUPERVISOR: RON SJOSTROM					MD: 10,440	
0:00 - 3:00		3.00	DRLPRO	05	A	P	TRIP IN WITH BIT #4 TO 10011	
3:00 - 3:30		0.50	DRLPRO	03	E	P	WASH & REAM TO TD	
3:30 - 13:30		10.00	DRLPRO	02	B	P	DRILLING 10056-10278 = 222' = 16.4 FPH, MW 12.5	
13:30 - 14:00		0.50	DRLPRO	06	A	P	RIG SERVICE	
14:00 - 0:00		10.00	DRLPRO	02	B	P	DRILLING 10278-10440 = 162' = 16.2 FPH, MW 12.5	
7/18/2008		SUPERVISOR: RON SJOSTROM					MD: 10,700	
0:00 - 17:30		17.50	DRLPRO	02	B	P	DRILL 10440-10658 = 218' = 12.5 FPH, MW 12.5	
17:30 - 18:00		0.50	DRLPRO	06	A	P	RIG SERVICE	
18:00 - 22:30		4.50	DRLPRO	02	B	P	DRILL 10658-10700 = 42' = 9.3 FPH, MW 12.5	
22:30 - 0:00		1.50	DRLPRO	04	C	P	CIRC B/U FOR SAMPLES & PRIOR TO WIPER TRIP	
7/19/2008		SUPERVISOR: RON SJOSTROM					MD: 10,700	
0:00 - 0:30		0.50	DRLPRO	04	C	P	CIRC & CONDITION, CIRC UP SAMPLE FOR WIPER TRIP	

Wins No.: 94888		NBU 920-201				API No.: 4304737755	
	0:00 - 0:30	0.50	DRLPRO	04	C	P	CIRC & CONDITION, CIRC UP SAMPLE FOR WIPER TRIP
	0:30 - 1:30	1.00	DRLPRO	05	E	P	10 STD WIPER TRIP-HOLE GOOD
	1:30 - 5:00	3.50	DRLPRO	04	B	P	RAISE MW TO 12.7 DUE TO GAS ON WIPER TRIP
	5:00 - 14:00	9.00	DRLPRO	05	B	P	LAY DOWN DRILL STRING, BREAK KELLY DOWN, PULL WEAR BUSHING
	14:00 - 19:00	5.00	DRLPRO	08	A	P	TRIPLE COMBO OPEN HOLE LOGGING TO 10710'
	19:00 - 20:00	1.00	DRLPRO	11	A	P	R/U WEATHERFORD TO RUN 4-1/2 P-110 PRODUCTION CASING
	20:00 - 0:00	4.00	DRLPRO	11	B	P	RUN 4-1/2 P-110 PRODUCTION CASING
							MD: 10,700
7/20/2008	SUPERVISOR: RON SJOSTROM						
	0:00 - 2:00	2.00	DRLPRO	11	B	P	RUN 250 JTS 4-1/2 11.6# P110 PRODUCTION CASING, SHOE @ 10664
	2:00 - 4:00	2.00	DRLPRO	04	E	P	CCH FOR CEMENT JOB
	4:00 - 8:00	4.00	DRLPRO	15	A	P	R/U EQUIPMENT, SAFETY MEETING, PRESSURE TEST LINES, MIX & PUMP 20 SX 9.5# SCAVENGER, 710 SX 12.5 LEAD, 1455 SX 14.3# TAIL, 165 BBL DISPLACEMENT, BUMPED PLUG, FLOATS HELD, R/D HALLIBURTON
	8:00 - 9:00	1.00	DRLPRO	11	B	P	FLUSH STACK OF SCAVENGER CEMENT, LAND CASING WITH 75000#, TEST HANGER SEALS OKAY
	9:00 - 13:00	4.00	DRLPRO	13	A	P	NIPPLE DOWN BOPS, CLEAN MUD PITS, RELEASE RIG TO NBU 920-20L @ 1300 HRS 7-20-08





Wins No.: 94888

NBU 920-201

API No.: 4304737755

MD:

8/7/2008

SUPERVISOR: WILL GLEAVE

HSM. ND FRAC VALVE. NU BOP'S. PU 3-7/8 BIT & POBS & TIH  
TO KILL PLUG @ 9204'. PU SWIVEL DO KILL PLUG. (1600# inc).

TIH, TAG FILL @ 9352' (30' FILL). D.O. 2ND CBP @ 9382'. 500#  
INC.

TIH TAG FILL @ 9786'. (30' FILL). D.O. 3RD CBP @ 9816'. 300#  
INC.

TIH, TAG FILL @ 10,046'. (30' FILL). D.O. 4TH CBP @ 10,076'.  
300# INC.

TIH, TAG FILL @ 10,364'. (30' FILL). D.O. 5TH CBP @ 10,394'.  
300# INC.

TIH, TAG FILL @ 10615'. (30' FILL). C.O. TO PBTD @ 10,645'.  
CIRC. WELL FOR 30 MIN. LD SWIVEL.

LD 14 JTS ON TRAILER. HANG TBG OFF. ND BOP'S. DROP  
BALL. NU WH. PUMP OFF BIT @ 3700#

SICP 2500#  
TBG PSI. 150#  
TURN OVER TO FLOW-BACK CREW.  
48/64 CHOKE.  
RD. SDFN.

341 JTS ON LOC.  
322 JTS IN WELL  
19 JTS ON TRAILER.  
EOT @ 10,222'

MD:

8/8/2008

SUPERVISOR: DON DEHERRERA

7:00 -

33

A

7 AM FLBK REPORT: CP 2300#, TP 2150#, 16/64" CK, 50 BWPH,  
TRACE SAND  
TTL BBLS RECOVERED: 4835  
BBLS LEFT TO RECOVER: 7676

MD:

8/9/2008

SUPERVISOR: DON DEHERRERA

7:00 -

33

A

7 AM FLBK REPORT: CP 2975#, TP 2500#, 16/64" CK, 40 BWPH,  
TRACE SAND, - GAS  
TTL BBLS RECOVERED: 5920  
BBLS LEFT TO RECOVER: 6591

10:00 -

PROD

WELL TURNED TO SALES @ 1000HR ON 8/09/2008 - FTP 2500#,  
CP 3000#, CK 20/64", 1000 MCFD, 960 BWPD

MD:

8/10/2008

SUPERVISOR: DON DEHERRERA

7:00 -

33

A

7 AM FLBK REPORT: CP 3500#, TP 2375#, 18/64" CK, 28 BWPH,  
TRACE SAND, - GAS  
TTL BBLS RECOVERED: 6625  
BBLS LEFT TO RECOVER: 5859

MD:

8/11/2008

SUPERVISOR: DON DEHERRERA

7:00 -

33

A

7 AM FLBK REPORT: CP 2850#, TP 1925#, 20/64" CK, 28 BWPH,  
LIGHT SAND, - GAS  
TTL BBLS RECOVERED: 7387  
BBLS LEFT TO RECOVER: 5124

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

5. Lease Serial No.  
UTU-0144869

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other  
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements) \*

At surface

NE/SE 1955'FSL, 717'FEL

At top prod. interval reported below

At total depth

14. Date Spudded

06/10/08

15. Date T.D. Reached

07/18/08

16. Date Completed

☐ D & A ☒ Ready to Prod.  
08/09/08

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. Unit or CA Agreement Name and No.

UNIT #891008900A

8. Lease Name and Well No.

NBU 920-201

9. API Well No.

4304737755

10. Field and Pool, or Exploratory

NATURAL BUTTES

11. Sec., T., R., M., or Block and

Survey or Area SEC. 20, T9S, R20E

12. County or Parish

UINTAH

13. State

UTAH

17. Elevations (DF, RKB, RT, GL)\*

4769'GL

18. Total Depth: MD 10.700'  
TVD

19. Plug Back T.D.: MD 10.645'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL-CCL-GR, SD, DSN, ACTR

22. Was well cored? ☒ No ☐ Yes (Submit copy)  
Was DST run? ☒ No ☐ Yes (Submit copy)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2850'		620 SX			
7 7/8"	4 1/2"	11.6#		10,700'		2165 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	10,222'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	9254'	10,614'	9254'-10,614'	0.36	202	OPEN
B) WSMVD						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
9254'-10,614'	PMP 12,511 BBLS SLICK H2O & 461,799# 30/50 SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/09/08	08/11/08	24	→	0	2,100	671			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 1925# SI	Csg. Press. 2875#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64	SI	2875#	→	0	2100	671			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						RECEIVED
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
	SI		→						SEP 11 2008

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER MAHOGANY WASATCH MESAVERDE	1714' 2456' 5143' 8618'	8250' 10,614'			

## 32. Additional remarks (include plugging procedure):

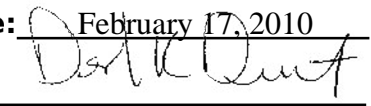
## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis   | 7. Other:     |                       |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) SHEILA UPCHEGOTitle REGULATORY ANALYSTSignature Date 09/08/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0144869
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 920-20I
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1955 FSL 0717 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 20 Township: 09.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047377550000
<b>PHONE NUMBER:</b> 720 929-6007 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/19/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE   <input type="checkbox"/> CHANGE TO PREVIOUS PLANS   <input type="checkbox"/> CHANGE WELL STATUS   <input type="checkbox"/> DEEPEN   <input type="checkbox"/> OPERATOR CHANGE   <input type="checkbox"/> PRODUCTION START OR RESUME   <input type="checkbox"/> REPERFORATE CURRENT FORMATION   <input type="checkbox"/> TUBING REPAIR   <input type="checkbox"/> WATER SHUTOFF   <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING   <input type="checkbox"/> CHANGE TUBING   <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   <input type="checkbox"/> FRACTURE TREAT   <input type="checkbox"/> PLUG AND ABANDON   <input type="checkbox"/> RECLAMATION OF WELL SITE   <input type="checkbox"/> SIDETRACK TO REPAIR WELL   <input type="checkbox"/> VENT OR FLARE   <input type="checkbox"/> SI TA STATUS EXTENSION   <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR   <input type="checkbox"/> CHANGE WELL NAME   <input type="checkbox"/> CONVERT WELL TYPE   <input type="checkbox"/> NEW CONSTRUCTION   <input type="checkbox"/> PLUG BACK   <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION   <input type="checkbox"/> TEMPORARY ABANDON   <input type="checkbox"/> WATER DISPOSAL   <input type="checkbox"/> APD EXTENSION           OTHER:       </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO RECOMPLETE THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH AND MESAVERDE FORMATIONS, ALONG WITH THE EXISTING MESAVERDE FORMATIONS. PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.		
<div style="text-align: right;"> <b>Accepted by the Utah Division of Oil, Gas and Mining</b>   <b>Date:</b> February 17, 2010  <b>By:</b>  </div>		
<b>NAME (PLEASE PRINT)</b> Andy Lytle		<b>PHONE NUMBER</b> 720 929-6100
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst
		<b>DATE</b> 2/17/2010



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047377550000**

**Authorization: Board Cause No. 173-14.**

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** February 17, 2010  
**By:** Dan K. Quist

# Greater Natural Buttes Unit



**NBU 920-20I**

**RE-COMPLETIONS PROCEDURE**

**DATE:02.10/10**

**AFE#:**

**COMPLETIONS ENGINEER:** Sarah Schaftenaar, Denver, CO  
(303)-895-5883 (Cell)  
(720)-929-6605 (Office)

**SIGNATURE:**

**ENGINEERING MANAGER:** REBECCA JOHNSON

**SIGNATURE:**

**REMEMBER SAFETY FIRST!**

**RECEIVED** February 17, 2010

**Name:** NBU 920-20I  
**Location:** NE SE Sec. 20 9S 20E  
**Uintah County, UT**  
**Date:** **02/10/10**

**ELEVATIONS:** 4769 GL 4790 KB

**TOTAL DEPTH:** 10700 **PBTD:** 10621  
**SURFACE CASING:** 9 5/8", 36# J-55 ST&C @ 2850'  
**PRODUCTION CASING:** 4 1/2", 11.6#, I-80 LT&C @ 10664'  
Marker Joint **5062-5083'**

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

**TOPS:**

1714' Green River  
1852' Birdsnest  
2456' Mahogany  
5143' Wasatch  
8618' Mesaverde  
Estimated T.O.C. from CBL @surface

**GENERAL:**

- A minimum of **17** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 07/19/2008
- **6** fracturing stages required for coverage.
- Procedure calls for **7** CBP's (**8000** psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and 1/2 the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above).
- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**



- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~10222
- Originally completed on 08/05/2008

**Existing Perforations:**

Zone	From	To	SPF	# of Shots
Mesaverde	9254	9258	4	16
Mesaverde	9346	9352	4	24
Mesaverde	9776	9786	4	40
Mesaverde	9964	9968	4	16
Mesaverde	10040	10046	4	24
Mesaverde	10246	10248	4	8
Mesaverde	10306	10310	4	16
Mesaverde	10358	10364	3	18
Mesaverde	10448	10452	4	16
Mesaverde	10559	10561	4	8
Mesaverde	10610	10614	4	16

**PROCEDURE:**

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. If the tubing is below the proposed CBP depth, TOO H with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~10222'). Visually inspect for scale and consider replacing if needed. If the tubing is above the proposed CBP depth, RIH with tubing and tag for fill before TOO H.
3. If tbg looks ok consider running a gauge ring to 9158 (50' below proposed CBP). Otherwise P/U a mill and C/O to 9158 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 9108'. Pressure test BOP and casing to 6000 psi. .
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	8896	8900	3	12
MESAVERDE	8922	8924	3	6
MESAVERDE	8952	8956	3	12
MESAVERDE	9086	9088	3	6

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~8896' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

7. Set 8000 psi CBP at ~8690'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	8580	8584	4	16
MESAVERDE	8628	8632	4	16
MESAVERDE	8658	8660	4	8

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~8580' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

9. Set 8000 psi CBP at ~8090'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	7828	7832	3	12
WASATCH	7908	7914	3	18
WASATCH	8056	8060	3	12

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~7828' trickle 250gal 15%HCL w/ scale inhibitor in flush.

11. Set 8000 psi CBP at ~7093'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6846	6848	3	6
WASATCH	6894	6896	3	6
WASATCH	6942	6946	3	12
WASATCH	7058	7063	3	15

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6846' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

13. Set 8000 psi CBP at ~6502'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6428	6432	4	16
WASATCH	6466	6472	4	24

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~6428' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

15. Set 8000 psi CBP at ~5528'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5480	5486	4	24
WASATCH	5494	5498	4	16

16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~5480' and flush only with recycled water.

17. Set 8000 psi CBP at ~5430'.
18. TIH with 3 7/8" mill, pump-off sub, SN and tubing.
19. Mill plugs and clean out to PBTD. Land tubing at  $\pm 10200'$  and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.
20. RDMO
21. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

**For design questions, please call  
Sarah Schaftenaar, Denver, CO  
(303)-895-5883 (Cell)  
(720)-929-6605 (Office)**

**For field implementation questions, please call  
Robert Miller, Vernal, UT  
4350781 7041 (Office)**

NOTES:

**Name** NBU 920-201  
**Perforation and CBP Summary**

Stage	Zones	Perforations		SPF	Holes		Fracture Coverage		
		Top, ft	Bottom, ft						
1	MESAVERDE	8896	8900	3	12		8796	to	8829
	MESAVERDE	8922	8924	3	6		8855	to	8961
	MESAVERDE	8952	8956	3	12		9083	to	9091
	MESAVERDE	9086	9088	3	6				
	# of Perfs/stage				Look				
					36		CBP DEPTH	8,690	
2	MESAVERDE	8580	8584	4	16		8580	to	8585
	MESAVERDE	8628	8632	4	16		8614	to	8644
	MESAVERDE	8658	8660	4	8		8645	to	8661
					Look				
	# of Perfs/stage				40		CBP DEPTH	8,090	
3	WASATCH	7828	7832	3	12		7819	to	7838.5
	WASATCH	7908	7914	3	18		7903	to	7928.5
	WASATCH	8056	8060	3	12		7956	to	7958.5
	WASATCH						8049	to	8075.5
	WASATCH						8077.5	to	8084
					Look				
	# of Perfs/stage				42		CBP DEPTH	7,093	
4	WASATCH	6846	6848	3	6		6840	to	6856.5
	WASATCH	6894	6896	3	6		6889.5	to	6904
	WASATCH	6942	6946	3	12		6934.5	to	6950
	WASATCH	7058	7063	3	15		7050	to	7071
	# of Perfs/stage				39		CBP DEPTH	6,502	
5	WASATCH	6428	6432	4	16		6415.5	to	6433.5
	WASATCH	6466	6472	4	24		6452	to	6480.5
	# of Perfs/stage				Look				
					40		CBP DEPTH	5,528	
6	WASATCH	5480	5486	4	24		5475.5	to	5491.5
	WASATCH	5494	5498	4	16		5493	to	5501
	# of Perfs/stage				Look				
					40		CBP DEPTH	5,430	
	Totals				237				

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

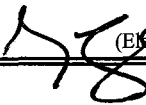
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU0144869
2. Name of Operator KERR-MCGEE OIL&GAS ONSHORE, LP		6. If Indian, Allottee or Tribe Name
Contact: ANDY LYTLE E-Mail: andrew.lytle@anadarko.com		7. If Unit or CA/Agreement, Name and/or No. UTU63047A
3a. Address P.O. BOX 173779 DENVER, CO 80217	3b. Phone No. (include area code) Ph: 720-929-6100	8. Well Name and No. NBU 920-201
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T9S R20E NESE 1955FSL 717FEL		9. API Well No. 43-047-37755
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE OPERATOR HAS PERFORMED A RECOMPLETION ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS COMPLETED THE WASATCH AND MESAVERDE FORMATIONS, AND HAS COMMINGLED THE NEWLY WASATCH AND MESAVERDE FORMATIONS ALONG WITH THE EXISTING MESAVERDE FORMATIONS. THE OPERATOR HAS PLACED THE SUBJECT WELL BACK ON PRODUCTION ON 03/10/2010 AT 1:00 PM. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #82600 verified by the BLM Well Information System For KERR-MCGEE OIL&amp;GAS ONSHORE, LP, sent to the Vernal</b>	
Name (Printed/Typed) ANDY LYTLE	Title REGULATORY ANALYST
Signature  (Electronic Submission)	Date 03/11/2010
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>	
Approved By _____	Title _____ Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*****RECEIVED**  
**MAR 15 2010**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
UTU0144869

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No. UTU63047A	
2. Name of Operator KERR-MCGEE OIL&GAS ONSHORE		8. Lease Name and Well No. NBU 920-201	
3. Address P.O. BOX 173779 DENVER, CO 80217		9. API Well No. 43-047-37755	
3a. Phone No. (include area code) Ph: 720-929-6100		10. Field and Pool, or Exploratory NATURAL BUTTES	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 1955FSL 717FEL 40.01907 N Lat, 109.68292 W Lon At top prod interval reported below NESE 1955FSL 717FEL 40.01907 N Lat, 109.68292 W Lon At total depth NESE 1955FSL 717FEL 40.01907 N Lat, 109.68292 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 20 T9S R20E Mer SLB	
14. Date Spudded 06/10/2008		15. Date T.D. Reached 07/18/2008	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/10/2010		17. Elevations (DF, KB, RT, GL)* 4769 GL	
18. Total Depth: MD 10700 TVD 10697		19. Plug Back T.D.: MD 10645 TVD 10642	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL-CCL-GR-SD-DSN-ACTR	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STEEL	36.7		40		28			
12.250	9.625 J-55	36.0		2850		620			
7.875	4.500 I-80	11.6		10700		2165			

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	10187							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5480	8060	5480 TO 8060	0.360	161	OPEN
B) MESAVERDE	8580	9088	8580 TO 9088	0.360	76	OPEN
C)						
D)						

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5480 TO 8060	PMP 4,570 BBLS SLICK H2O & 207,502 LBS 30/50 SD.
8580 TO 9088	PMP 3,143 BBLS SLICK H2O & 115,808 LBS 30/50 SD.

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/10/2010	03/14/2010	24	→	0.0	750.0	480.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30/64	147	836.0	→	0	750	480		PGW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #84262 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Mcas. Depth
GREEN RIVER MAHOGANY WASATCH MESAVARDE	1714 2456 5143 8618	8250 10700			

## 32. Additional remarks (include plugging procedure):

ATTACHED TO THIS WELL COMPLETION REPORT IS THE RECOMPLETION CHRONOLOGICAL WELL HISTORY.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #84262 Verified by the BLM Well Information System.  
For KERR-MCGEE OIL&GAS ONSHORE, LP, sent to the Vernal

Name (please print) ANDY LYTLE

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/06/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

US ROCKIES REGION  
**Operation Summary Report**

Well: NBU 920-20I

Project: UTAH-UINTAH

Site: NBU 920-20I

Rig Name No: LEED 733/733

Event: RECOMPL/RESEREVEADD

Start Date: 3/5/2010

End Date: 3/9/2010

Spud Date: 6/17/2008

Active Datum: RKB @4,790.00ft (above Mean Sea Level)

UWI: NBU 920-20I

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/5/2010	DWC: \$ [REDACTED]		CWC: \$ [REDACTED]					
FRANK WINI	6:15 - 6:30	0.25	COMP	48		P		JSA- P-TEST AND PERF
	6:30 - 14:30	8.00	COMP	31	I	P		SITP 300, FCP 80. PMP 10 BBLS DOWN TBG. POOH W/ 322-JTS 2-3/8" L-80 TBG. NO SCALE OR PITTING. CONTROL WELL W/ 30 BBLS. RD FLOOR. ND BOP. NU FRAC VALVES. MIRU CUTTERS. RIH W/ 10K CBP AND SET AT 9118'. RILL W/ 110 BBLS. RU B&C. P-TEST CSG AND FRAC VALVES TO 6200#. GOOD. BLEED OFF AND RD B&C. RIH W/ 3-1/8" EXP GUN (23 GRAM, 41" PENT, .36" EHD, 3 SPF ON 120*) AND PERF STG 1. 9086'-88', 8952'-56', 8922'-24', 8896'-8900' (36 HOLES, 12' ZONE). SHUT WELL IN. READY TO FRAC MONDAY.
3/8/2010	DWC: \$ [REDACTED]		CWC: \$ [REDACTED]					
FRANK WINI	6:15 - 6:30	0.25	COMP	48		P		JSA- HIGH PRESSURE FRAC, PERF.
	6:30 - 8:50	2.33	COMP	36	B	P		MIRU SUPERIOR AND CUTTERS. HSM.
	8:50 - 10:10	1.33	COMP	37	B	P		PRES TEST SURFACE LINES TO 8500 PSI. GOOD. STAGE #1-MV PERFS 8896'-9088', 36 HOLES, 12' NET. OPEN WELL- SICP 1538 PSI. BRK 4798 PSI AT 4.7 BPM, ISIP 2779, FG .75. PMP 100 BBLS SLK WTR, 51 BPM @ 4752 PSI = 100% PERFS OPEN. MP 5660, MR 51.6, AP 4840, AR 51, FG .81, ISIP 3328, NPI 549. PMP 1957 BBLS SLK WTR, 67,699# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 72,699#) STG #2- RIH W/ 4-1/2" BAKER 8K CBP AND 3-1/8" EXP PERF GUN (23 GRAM, 41" PENT, .36" EHD, 4 SPF ON 90*). SET CBP AT 8690'. PULL UP AND PERF MV 8658'-60', 8628'-32', 8580'-84' (40 HOLES, 10' NET)
	10:10 - 10:45	0.58	COMP	36	B	P		STG #2- OPEN WELL- 810 PSI. BRK 4804 PSI AT 4.8 BPM, ISIP 3533, FG .85. PMP 100 BBLS SLK WTR, 41.5 BPM @ 5045 PSI = 83% PERFS OPEN. MP 5783, MR 47.5, AP 5037, AR 45.9, FG .85, ISIP 3512, NPI-21. PMP 1186 BBLS SLK WTR, 38,109# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 43,109#)
	10:45 - 11:35	0.83	COMP	37	B	P		STG #3-RIH W/ 4-1/2" BAKER 8K CBP AND 3-1/8" EXP PERF GUN (23 GRAM, 41" PENT, .36" EHD, 3 SPF ON 120*). SET CBP AT 8090'. PULL UP AND PERF WASATCH 8056'-60', 7908'-14', 7828'-32' (42 HOLES, 14' NET)
	11:35 - 12:15	0.67	COMP	36	B	P		STG #3- OPEN WELL- 900 PSI. BRK 2796 PSI AT 5.3 BPM, ISIP 3283, FG .85. PMP 100 BBLS SLK WTR, 50.5 BPM @ 5079 PSI = 100% PERFS OPEN. MP 5518, MR 51.5, AP 4918, AR 50.4, FG .86, ISIP 3311, NPI 28. PMP 1071 BBLS SLK WTR, 41,679# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 46,679#)



US ROCKIES REGION  
Operation Summary Report

Well: NBU 920-20I

Project: UTAH-UINTAH

Site: NBU 920-20I

Rig Name No: LEED 733/733

Event: RECOMPL/RESEREVEADD

Start Date: 3/5/2010

End Date: 3/9/2010

Spud Date: 6/17/2008

Active Datum: RKB @4,790.00ft (above Mean Sea Level)

UWI: NBU 920-20I

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
FRANK WINI	12:15 - 13:10	0.92	COMP	37	B	P		STG #4-RIH W/ 4-1/2" BAKER 8K CBP AND 3-1/8" EXP PERF GUN (23 GRAM, 41" PENT, .36" EHD, 3 SPF ON 120"). SET CBP AT 7093'. PULL UP AND PERF WASATCH 7058'-63', 6942'-46', 6894'-96', 6846'-48' (39 HOLES, 13' NET)
	13:10 - 14:05	0.92	COMP	36	B	P		STG #4- OPEN WELL- 1105 PSI. BRK 2465 PSI AT 4.7 BPM, ISIP 2182, FG .75. PMP 100 BBLS SLK WTR, 50.8 BPM @ 4660 PSI = 73% PERFS OPEN. MP 5807, MR 51.1, AP 4185, AR 43.2, FG .84, ISIP 2823, NPI 641. PMP 1842 BBLS SLK WTR, 80.906# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 85,906#). HAD WASH OUT IN 2" LINE DURING .25-1.5# RAMP. SHUT DOWN AND REPAIR. STARTED TO SCREEN OFF BUT WAS ABLE TO FINISH.
	14:05 - 14:45	0.67	COMP			P		STG #5-RIH W/ 4-1/2" BAKER 8K CBP AND 3-1/8" EXP PERF GUN (23 GRAM, 41" PENT, .36" EHD, 4 SPF ON 90"). SET CBP AT 6500'. PULL UP AND PERF WASATCH 6466'-72', 6428'-32' (40 HOLES, 10' NET)
	14:45 - 15:20	0.58	COMP	36	B	P		STG #5- OPEN WELL- 800 PSI. BRK 2746 PSI AT 4.7 BPM, ISIP 2311, FG .80. PMP 100 BBLS SLK WTR, 51.2 BPM @ 4233 PSI = 100% PERFS OPEN. MP 4839, MR 51.5, AP 4324, AR 50.3, FG .88, ISIP 2823, NPI 512. PMP 948 BBLS SLK WTR, 35.736# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 40,736#).
	15:20 - 15:55	0.58	COMP	37	B	P		STG #6-RIH W/ 4-1/2" BAKER 8K CBP AND 3-1/8" EXP PERF GUN (23 GRAM, 41" PENT, .36" EHD, 4 SPF ON 90"). SET CBP AT 5528'. PULL UP AND PERF WASATCH 5494'-98', 5480'-86" (40 HOLES, 10' NET)
	15:55 - 16:20	0.42	COMP	36	B	P		STG #6- OPEN WELL- 723 PSI. BRK 2250 PSI AT 4.7 BPM, ISIP 2035, FG .81. PMP 100 BBLS SLK WTR, 50.8 BPM @ 4450 PSI = 61% PERFS OPEN. MP 5662, MR 51.8, AP 4330, AR 50.2, FG .95, ISIP 2811, NPI 776. PMP 716 BBLS SLK WTR, 29,181# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 34,181#).
	16:20 - 17:30	1.17	COMP	34	I	P		PMP TOTAL 7713 BBLS SLK WTR, 323,310# TOT PROP, 706 GAL SCALE INHIB. DID NOT PMP ANY BIOCIDES AS PER NALCO WTR SAMPLE TEST. RIH W/ 4-1/2" BAKER 8K CBP AND SET KILL PLUG AT 5420'. RDMO CUTTERS AND SUPERIOR. BLEED OFF PRESSURE AND WINTERIZE FRAC VALVES. SDFN
3/9/2010	DWC: \$		CWC: \$					
FRANK WINI	6:15 - 6:30	0.25	COMP	48		P		JSA- ND / NU. RIH W/ TBG.

US ROCKIES REGION  
**Operation Summary Report**

Well: NBU 920-20I

Project: UTAH-UINTAH

Site: NBU 920-20I

Rig Name No: LEED 733/733

Event: RECOMPL/RESEREVEADD

Start Date: 3/5/2010

End Date: 3/9/2010

Spud Date: 6/17/2008

Active Datum: RKB @4,790.00ft (above Mean Sea Level)

UWI: NBU 920-20I

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
FRANK WINI	6:30 - 20:30	14.00	COMP	31	I	P		<p>SICP 0. RD FLOOR. ND FRAC VALVES. NU BOP. RU FLOOR. MU 3-7/8" BIT, POBS, 1.87" XN AND RIH W/ 170 JTS 2-3/8" L-80 TBG. RU PWR SWIVEL. FILL TBG AND P-TEST TO 3000#. GOOD. EST CIRC AND D/O PLUGS.</p> <p>#1- C/O 4' SAND TO CBP AT 5420'. D/O IN 15 MIN. 100# INC. RIH  #2- C/O 45' SAND TO CBP AT 5528'. D/O IN 18 MIN. 500# INC. RIH.  #3- C/O 42' SAND TO CBP AT 6500'. D/O IN 15 MIN. 400# INC. RIH.  #4- C/O 40' SAND TO CBP AT 7093'. D/O IN 15 MIN. 500# INC. RIH.  #5- C/O 25' SAND TO CBP AT 8090'. D/O IN 15 MIN. 300# INC. RIH.  #6- C/O 40' SAND TO CBP AT 8690'. D/O IN 18 MIN. 100# INC. RIH.  #7- C/O 25' SAND TO CBP AT 9108'. PMP AIR/FOAM DOWN TBG FOR 15 MIN.  D/O IN 5 MIN. 0# INC. PMP 20 BBLS DOWN TBG. RIH.  PBTD- TAG FILL AT 10,609'. C/O TO PBTD (OLD POBS) AT 10,636' W/ 336-JTS IN. CIRC CLEAN. HAVE GOOD FLOW UP CSG. RD PWR SWIVEL. POOH AS LD 15 JTS. PU 4" 10K HANGER. LUB IN AND LAND 321-JTS W/ EOT AT 10,187.42'. DROP BALL. RD FLOOR. ND BOP. NU WH. PMP OFF BIT AT 2600#. LEFT WELL SHUT IN FOR 30 MIN. SICP 1000. OPEN WELL UP AND TURN OVER TO FBC, FTP 50. WILL RD IN AM. SDFN.</p> <p>TBG DETAIL      KB      21.00  PMP 7713 BBLS  4" 10K FMC HANGER      .83  RCVR 3250 BBLS  321-JTS 2-3/8" L-80 TBG      10,163.39  LTR 4463 BBLS  1.87" XN (FE POBS)      2.20  EOT      10,187.42</p>

3/10/2010    DWC: \$ 0.00      CWC: \$ [REDACTED]  
JESSE ATW/    7:00   -      33    A

7 AM FLBK REPORT: CP 1225#, TP 500#, 20/64"  
CK, 45 BWPH, MED SAND, - GAS  
TTL BBLS RECOVERED: 3834  
BBLS LEFT TO RECOVER: 3879

13:00   -      PROD    50

WELL RETURNED TO SALES @ 1300 HR ON  
3/10/2010 - 100 MCFD, 960 BWPD, CP 1500#, FTP 400#, CK 20/64".

3/11/2010    DWC: \$ 0.00      CWC: \$ [REDACTED]  
JESSE ATW/    7:00   -      33    A

7 AM FLBK REPORT: CP 1800#, TP 500#, 30/64"  
CK, 45 BWPH, MED SAND, - GAS  
TTL BBLS RECOVERED: 4826  
BBLS LEFT TO RECOVER: 2887

3/12/2010    DWC: \$ 0.00      CWC: \$ [REDACTED]  
JESSE ATW/    7:00   -      33    A

7 AM FLBK REPORT: CP 1450#, TP 400#, 30/64"  
CK, 30 BWPH, MEDIUM SAND, - GAS  
TTL BBLS RECOVERED: 5626  
BBLS LEFT TO RECOVER: 2087

US ROCKIES REGION  
**Operation Summary Report**

Well: NBU 920-20I

Project: UTAH-UINTAH

Site: NBU 920-20I

Rig Name No: LEED 733/733

Event: RECOMPL/RESEREVEADD

Start Date: 3/5/2010

End Date: 3/9/2010

Spud Date: 6/17/2008

Active Datum: RKB @4,790.00ft (above Mean Sea Level)

UWI: NBU 920-20I

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/13/2010	<u>DWC:</u> \$ 0.00		<u>CWC:</u> \$ [REDACTED]					
JESSE ATW	7:00 -			33	A			7 AM FLBK REPORT: CP 1025#, TP 350#, 30/64" CK, 20 BWPH, LIGHT SAND, - GAS TTL BBLS RECOVERED: 6181 BBLS LEFT TO RECOVER: 1532
3/14/2010	<u>DWC:</u> \$ 0.00		<u>CWC:</u> \$ [REDACTED]					
JESSE ATW	7:00 -		PROD	50				WELL IP'D ON 3/14/10 - 750 MCFD, 0 BOPD, 480 BWPD, CP 836#, FTP 147#, CK 30/64", LP 80#, 24 HRS

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0144869
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 920-201
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1955 FSL 0717 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 20 Township: 09.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047377550000
<b>PHONE NUMBER:</b> 720 929-6111		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/20/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <span style="border: 1px solid black; padding: 2px;">Production Enhancement</span>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The operator conducted the following workover/wellbore cleanout on the subject well on 1/20/2014. Please see the attached chronological well history for details. Thank you.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          February 20, 2014</b>		
<b>NAME (PLEASE PRINT)</b> Teena Paulo	<b>PHONE NUMBER</b> 720 929-6236	<b>TITLE</b> Staff Regulatory Specialist
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/19/2014	

US ROCKIES REGION  
Operation Summary Report

Well: NBU 920-20I				Spud Conductor: 6/10/2008				Spud Date: 6/17/2008			
Project: UTAH-UINTAH				Site: NBU 920-20I				Rig Name No: GWS 1/1			
Event: WELL WORK EXPENSE				Start Date: 1/14/2014				End Date: 1/20/2014			
Active Datum: RKB @4,790.00usft (above Mean Sea Level)				UWI: NBU 920-20I							
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation			
1/14/2014	6:45 - 7:00	0.25	MAINT	48		P		HSM. LD TBG ON TBG TRAILER.			
	7:00 - 17:00	10.00	MAINT	45	A	P		FWP =110 PSI. BLOW WELL DOWN T/ FBT. ND WH. NU BOP. RU RIG FLOOR & TBG EQUIP. UNLAND TBG. LD 41/16 TBG HNGR. MIRU SCAN TECH. POOH W/ 321 JTS L-80 TBG. FOUND = GOOD 191 JTS YB. 99 JTS BB. BAD 10 JTS GB. 21 JTS RB = 31JTS BAD PIPE TOTAL.  THERE WAS HEAVY INTERNAL PITTING F/ 3773' T/ 3932' = 5 JTS. THE REST OF THE BAD PIPE WAS ON THE BTM OF TBG STRING =26 JTS. FOUND SEVERAL HOLES IN THE LAST 26 JTS. RDMO SCAN TECH. PU NOTCH CCL & 1.875 XN NIP. RIH W/ 60 JTS. EOT @ 2000'. SWIFN.			
1/15/2014	6:45 - 7:00	0.25	MAINT	48		P		HSM. KEEP LOOSE CLOTHS AWAY FROM TBG TONGS.			
	7:00 - 17:00	10.00	MAINT	31	I	P		SICP = 540 PSI. BLEED WELL OFF T/ FBT. CONT RIH F/ 2000' T/ 10,187'. MIRU DELSCO SLICK LINE. PU 1 1/16 SINKER BAR. RIH TAG FILL @ 10,500' = 114' OF PERFS ARE COVERD. POOH W/ SLICK LINE. RDMO DELSCO. XOVER TBG EQUIP. POOH W/ PROD TBG. LD 1.875 XN & NOTCH COLLAR. PU 37/8 MILL, BOPS, 1.875 XN NIP. RIH W/ 60 JTS. EOT @ 2000'. SWIFN.			
1/16/2014	6:45 - 7:00	0.25	MAINT	48		P		HSM. GOOD COMMUNICATION BETWEEN FOAM UNIT OPER & DRILLER.			
	7:00 - 9:00	2.00	MAINT	31	I	P		SICP = 480 PSI. BLOW WELL DOWN T/ FBT. CONT RIH W/ TBG. RIH T/ 10,200'.			
	9:00 - 11:00	2.00	MAINT	44	D	P		MIRU WEATHERFORD FU. BRK CONV CIRC. COULD NOT CIRC. PRESSEURED UP ON TBG. WORK PIPE. COULD NOT PUMP. BIT SUB IS PLUGED. RD FOAM UNIT.			
	11:00 - 18:00	7.00	MAINT	31	I	P		POOH W/ 322 JTS. LD XN NIP, BOPS & MILL. FOUND 2' OF SCALE ON POBS. CLEAN OUT SCALE. SWIFN.			
1/17/2014	6:45 - 7:00	0.25	MAINT	48		P		HSM. COMMUNICATION BETWEEN RIG OPER & FU OPER.			

## US ROCKIES REGION

## Operation Summary Report

Well: NBU 920-20I		Spud Conductor: 6/10/2008		Spud Date: 6/17/2008	
Project: UTAH-UINTAH		Site: NBU 920-20I			Rig Name No: GWS 1/1
Event: WELL WORK EXPENSE		Start Date: 1/14/2014		End Date: 1/20/2014	
Active Datum: RKB @4,790.00usft (above Mean Sea Level)			UWI: NBU 920-20I		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:00 - 12:30	5.50	MAINT	31	I	P		SICP = 425 PSI. BLEED OFF WELL T/ FBT. PU 37/8 MILL, POBS, 1.875 XN. RIH W/ 280 JTS @ 8900'. RU WEATHERFORD FU. UNLOAD WELL W/ FU (1HR 40 MIN T/ GET RETURNS) CONT RIH W/ 331 JTS TAG FILL @ 10,500'.
	12:30 - 16:00	3.50	MAINT	44	D	P		BRK CONV CIRC W/ FU ( 1HR 40 MIN T/ GET CIRC). CO T/ 10,614' ( BTM PERF @ 10,614'). COULD NOT GET PASSED 10,614' (OLD POBS). CIRC WELL CLEAN. RDMO WEATHERFORD FU.
	16:00 - 17:30	1.50	MAINT	31	I	P		POOH T/ 8600', SWIFWE.
1/20/2014	6:45 - 7:00	0.25	MAINT	48		P		HSM, SLIP, TRIP'S & FALLS.
	7:00 - 18:00	11.00	MAINT	31	I	P		SICP = 840 PSI. BLOW WELL DOWN T/ FBT. CONT POOH F/ 8600'. LD 37/8 MILL, POBS. XOVER TBG EQUIP. PU 23/8 NOTCH COLLAR & 1.875 XN NIP. RIH W/ 321 JTS 23/8 L-80 TBG. PU 41/16 FMC TBG HNGR. LAND TBG W/ KB =====> 20.00 41/16 FMC TBG HNGR =====> .83 231 JTS 23/8 L-80 TBG =====> 10,165.59 1.875 XN W/ NC =====> 2.20 EOT @ 10,188.62 RU DELSCO SLICK LINE. BROACH TBG T/ 10,188'. POOH, RDMO DELSCO SLICK LINE. RD TBG EQUIP & RIG FLOOR. ND BOP. NU WH. SWI FOR PSI BIULD UP. TOTAL WATER LEFT T/ RECOVER = 120 BBLs.  RD RIG. RACK OUT RIG EQUIP. ROAD RIG T/ NBU 920-20I PAD.